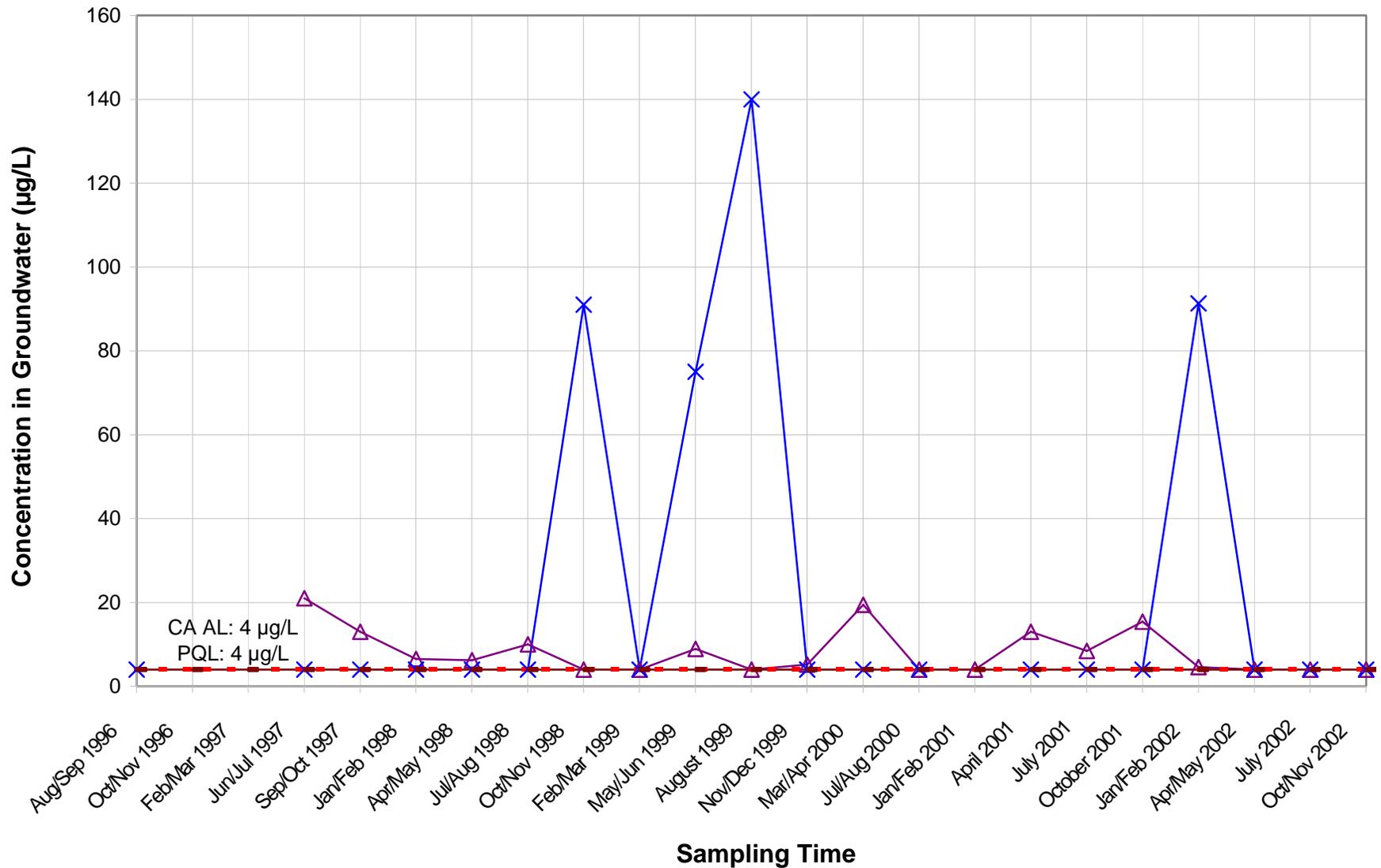


**Legend**

- △— Screen 3
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-13
<b>CARBON TETRACHLORIDE DETECTED AT MW-3 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; font-size: small;">SOTA</span> Environmental Technology, Inc.
SOTA Environmental Technology, Inc.

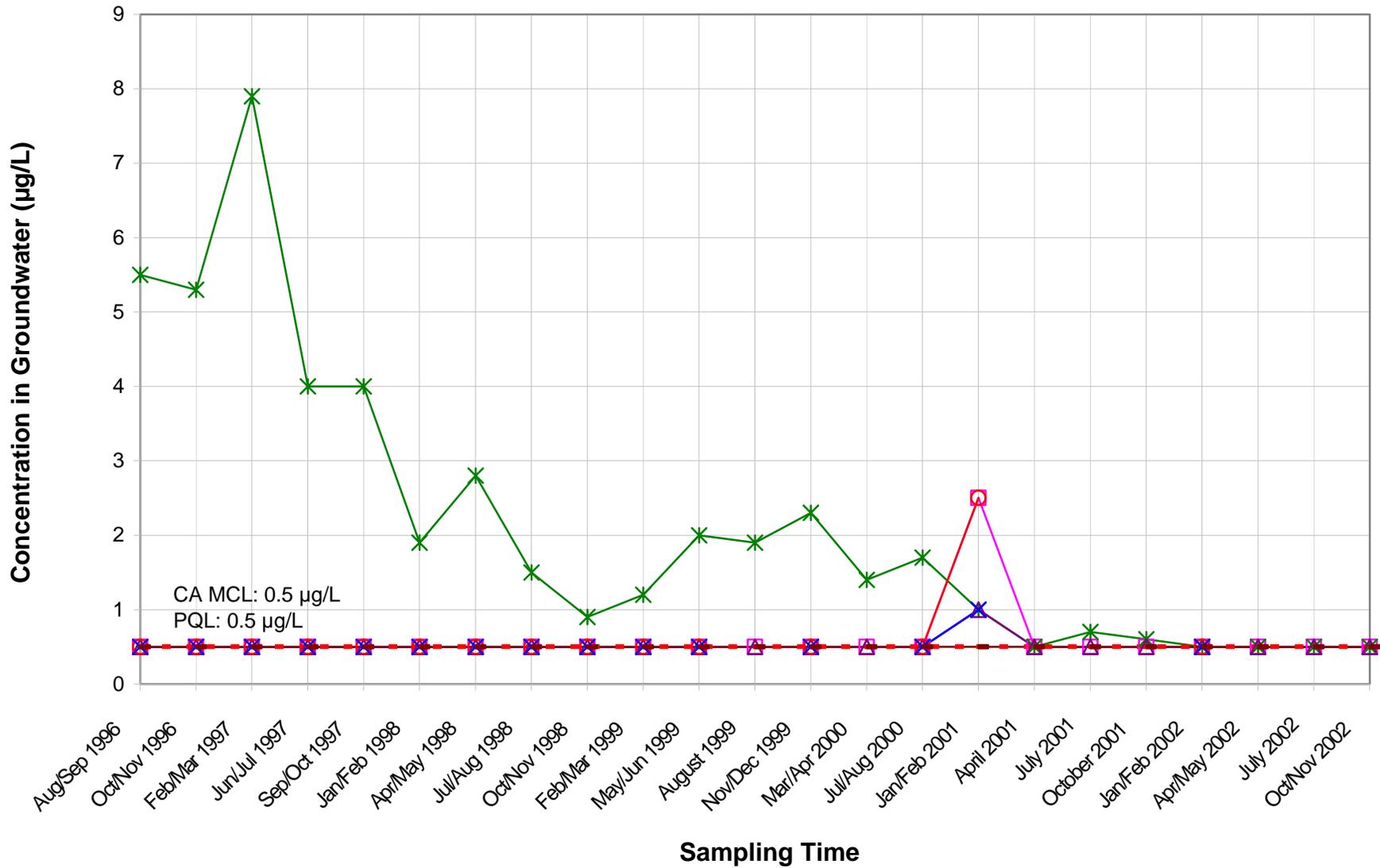


**Legend**

- △— Screen 3
- ×— Screen 5
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 1, 2 and 4 concentrations were below PQL.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-14	
PERCHLORATE DETECTED AT MW-3 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

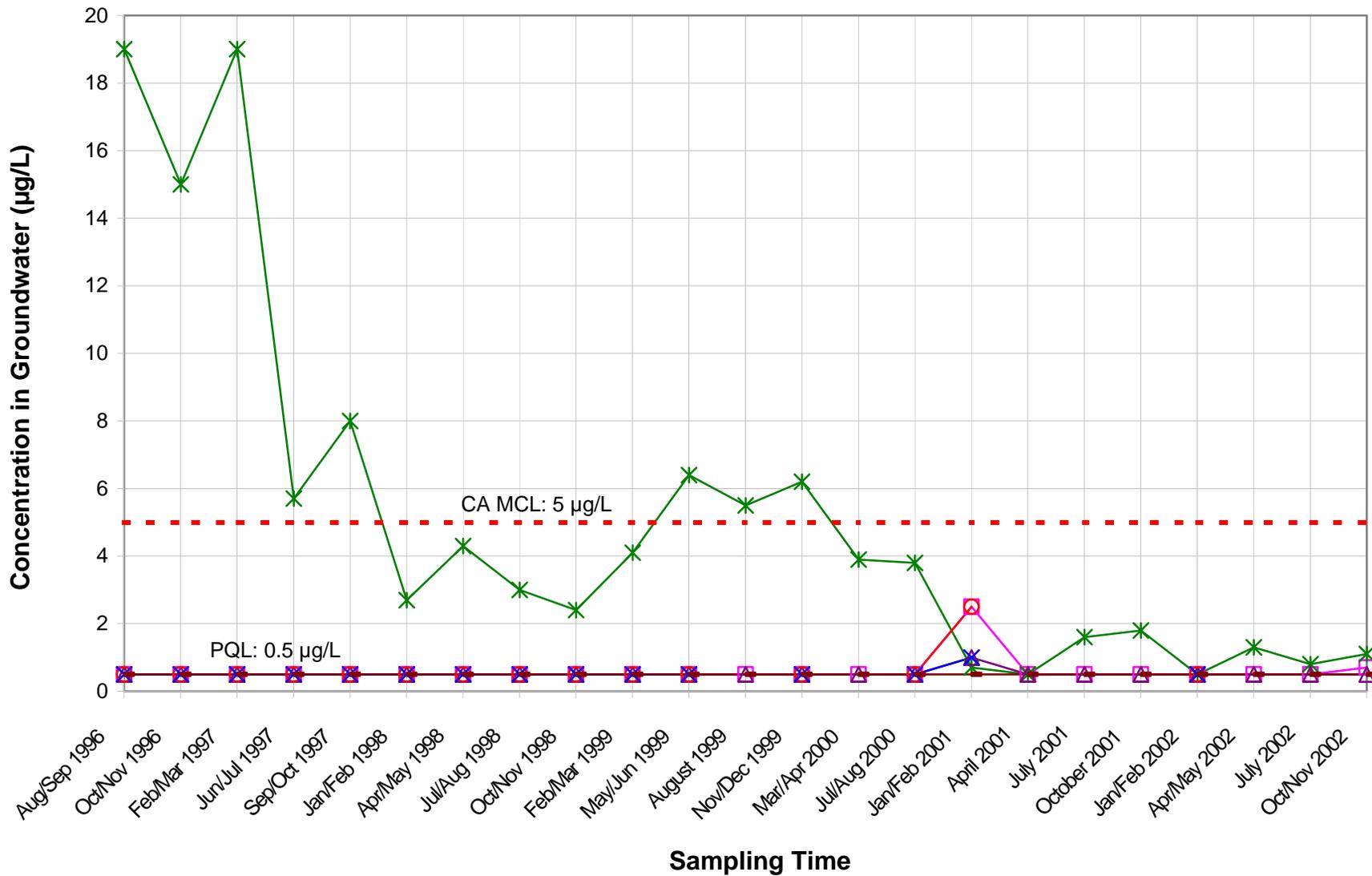


**Legend**

- Screen 1
- \*— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5  $\mu\text{g/L}$ ). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-15
<b>CARBON TETRACHLORIDE DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-size: small; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>

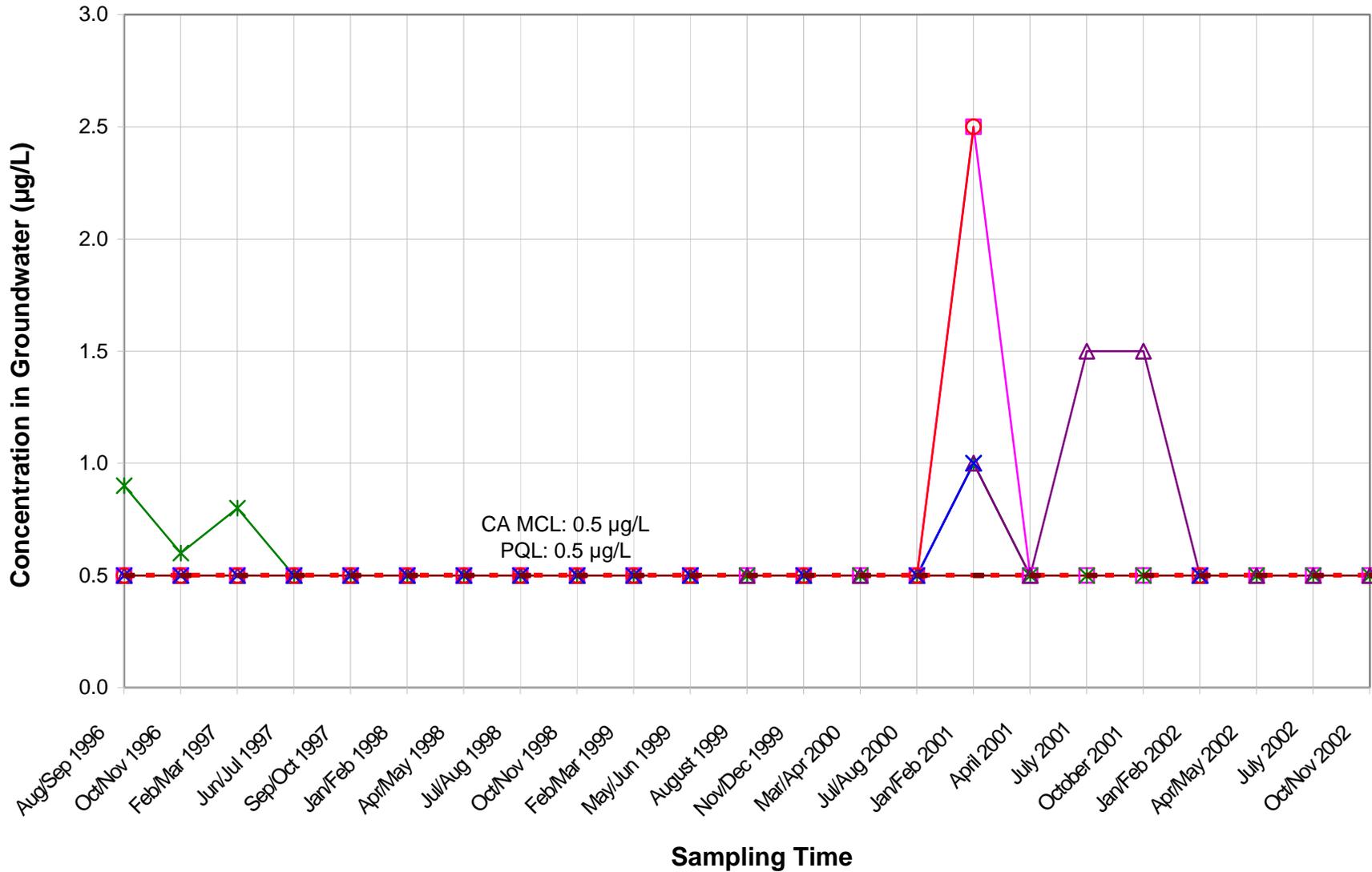


**Legend**

- Screen 1
- ✱ Screen 2
- △ Screen 3
- Screen 4
- ✱ Screen 5
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 3, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5 µg/L). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-16	
TRICHLOROETHENE DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

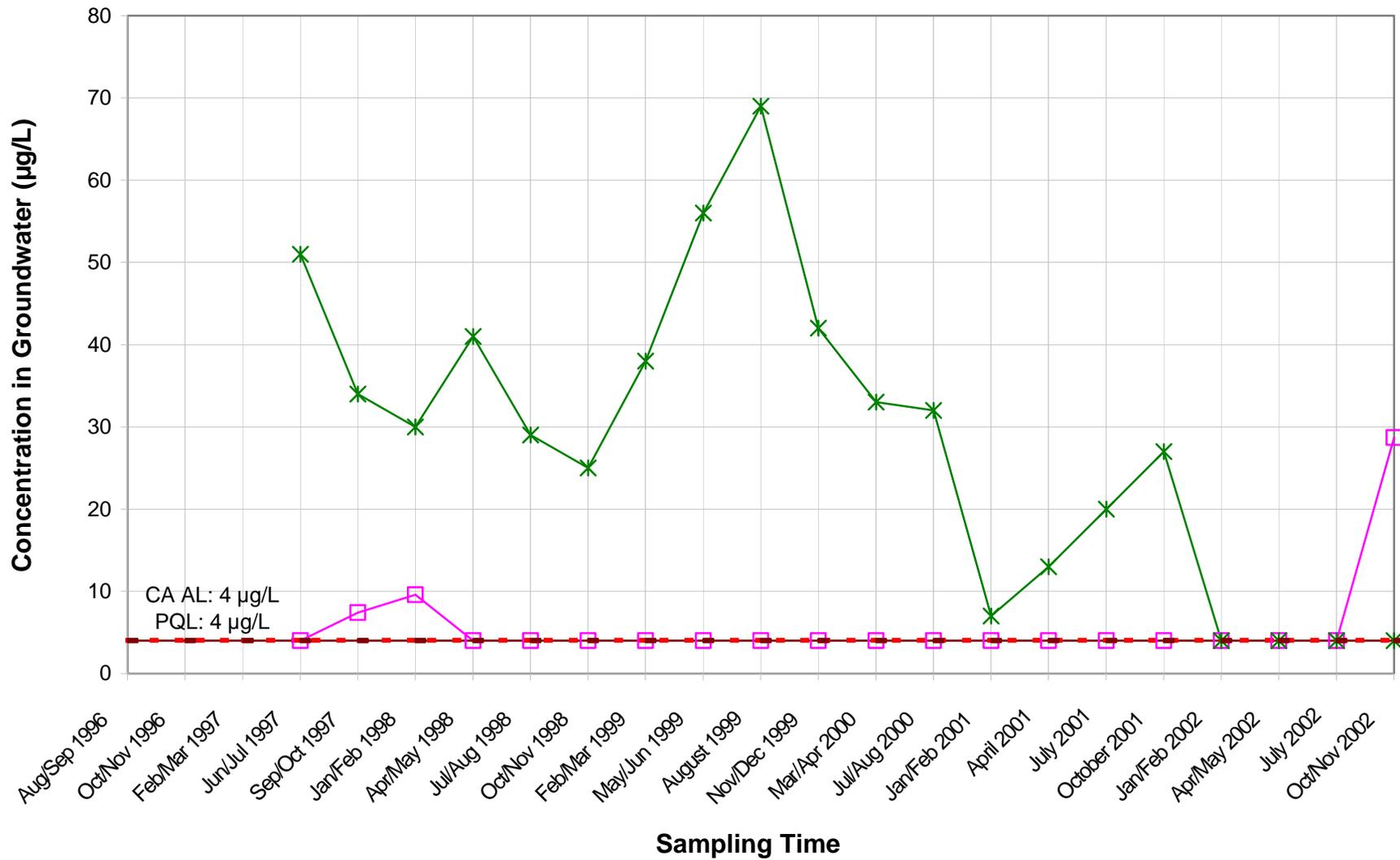


**Legend**

- Screen 1      —\*— Screen 2      —△— Screen 3      —○— Screen 4      —×— Screen 5
- PQL      - - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 3, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5 µg/L). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-17	
1, 2-DCA DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

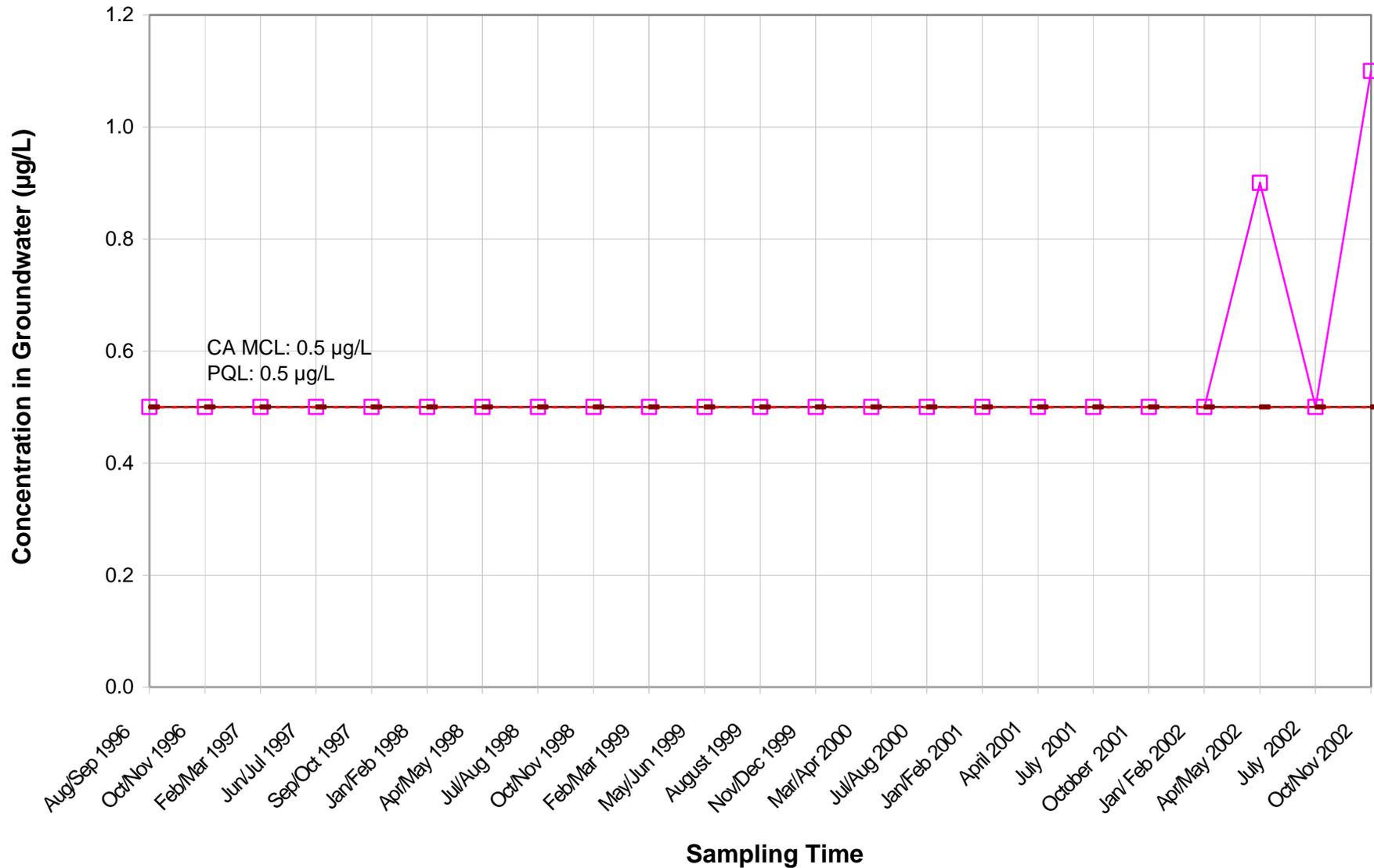


**Legend**

- Screen 1
- \*— Screen 2
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 3, 4, and 5 concentrations were below PQL.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-18
<b>PERCHLORATE DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold;">SOTA Environmental Technology, Inc.</span>

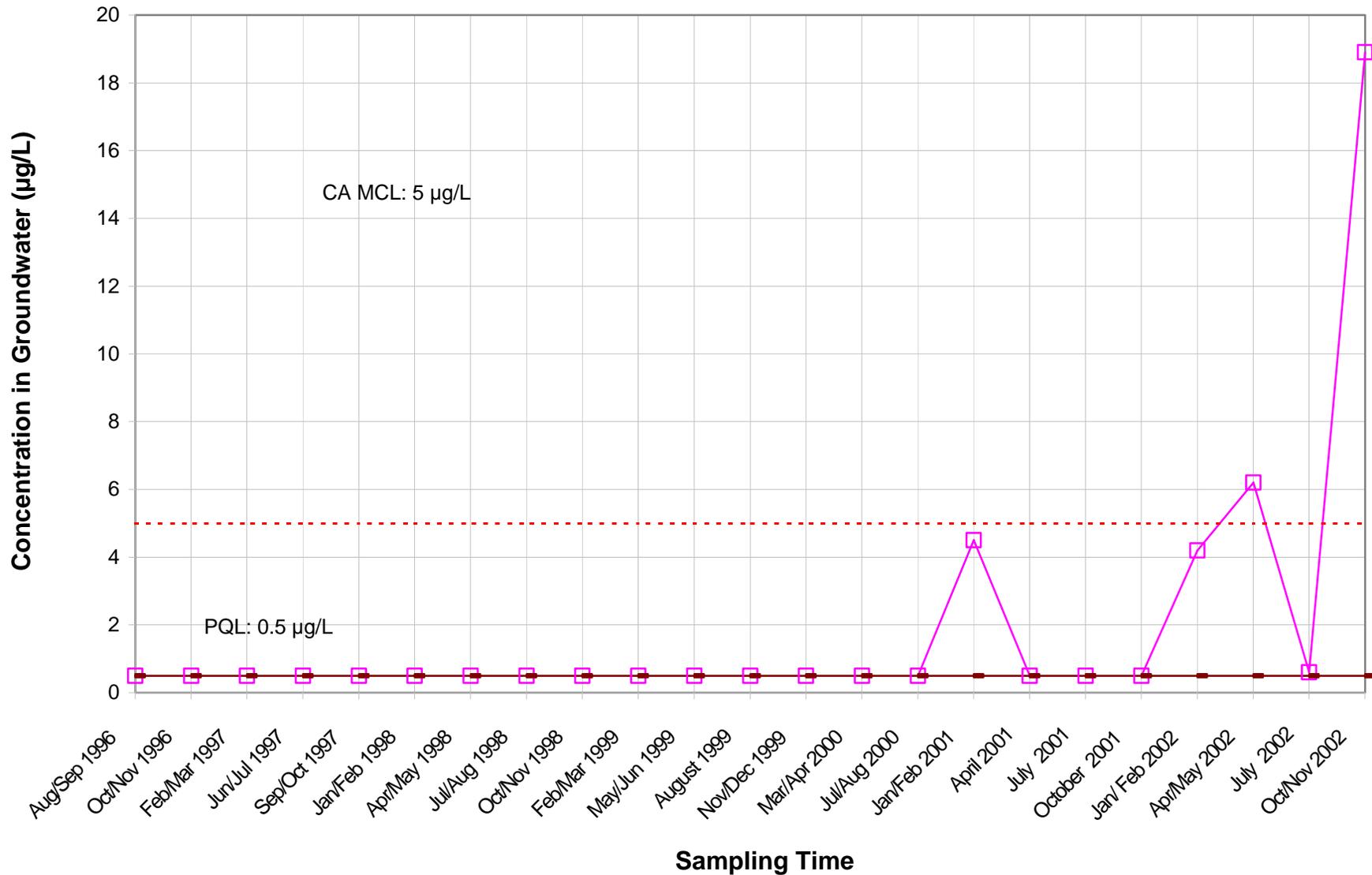


**Legend**

—□— Shallow Well    —●— PQL    - - - - CA MCL

Only concentrations above PQL are plotted.  
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-19	
CARBON TETRACHLORIDE DETECTED AT MW-5 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

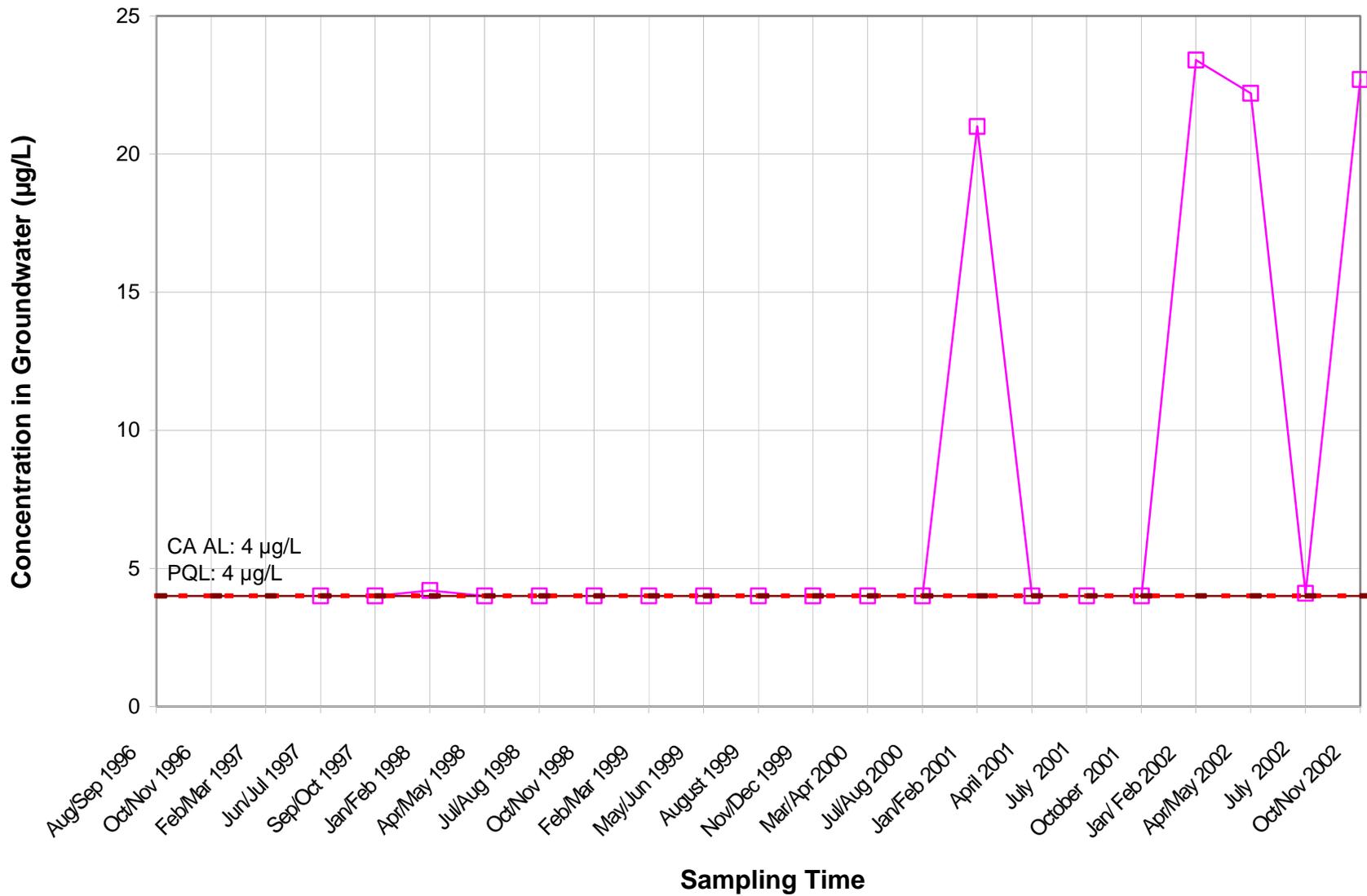


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-20
<b>TRICHLOROETHENE DETECTED AT MW-5 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 10px;">SOTA Environmental Technology, Inc.</span>



**Legend**

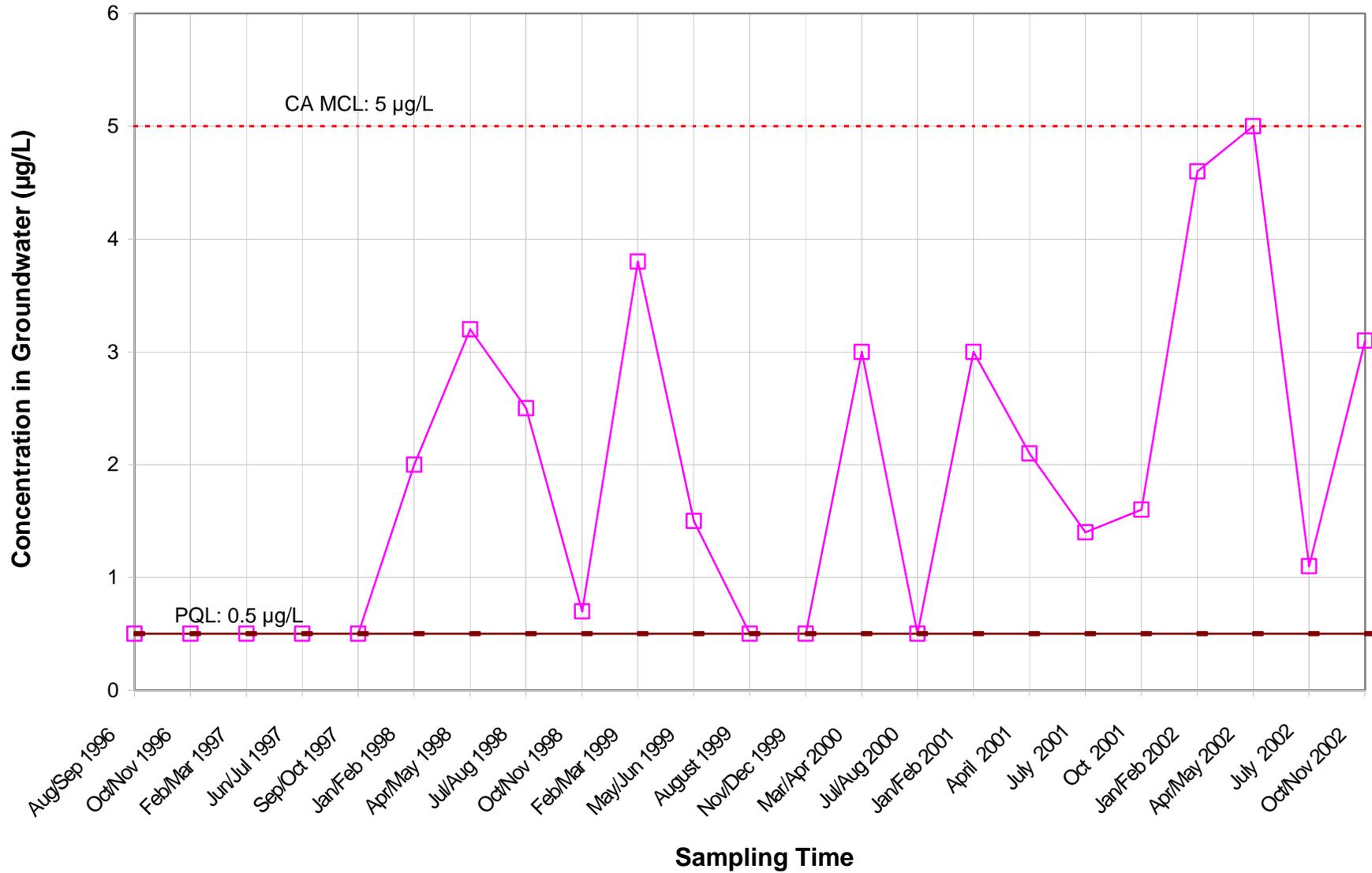
—□— Shallow Well      —●— PQL      - - - CA AL

Only concentrations above PQL are plotted.  
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

**FIGURE 3-21**  
**PERCHLORATE DETECTED AT MW-5**  
**FROM AUG/SEP 1996 TO OCT/NOV 2002**

Jet Propulsion Laboratory  
Pasadena, California

**SOTA** Environmental Technology, Inc.

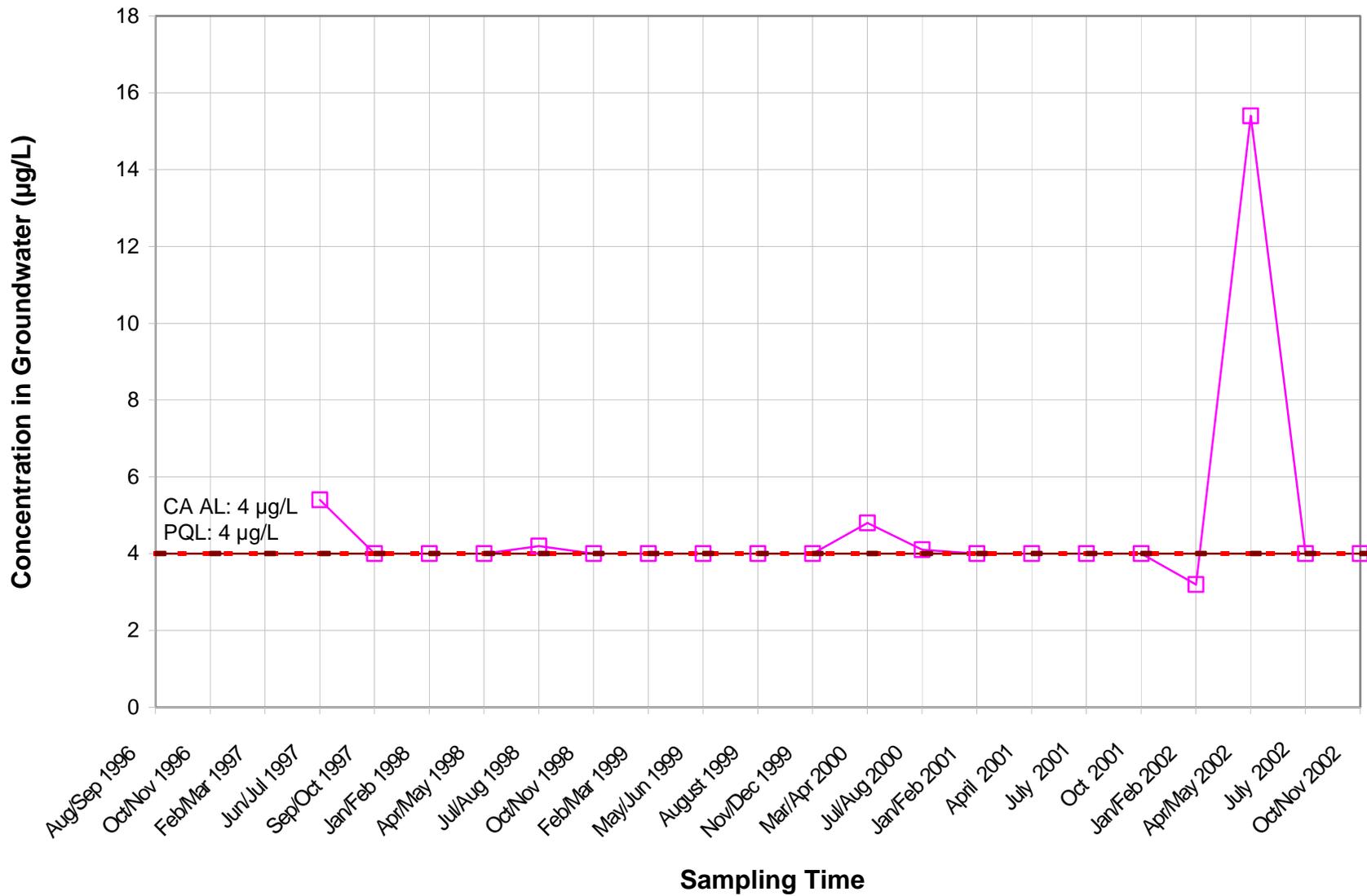


**Legend**

—□— Shallow Well    
 —●— PQL    
 - - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-22
<b>TETRACHLOROETHENE DETECTED AT MW-6 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

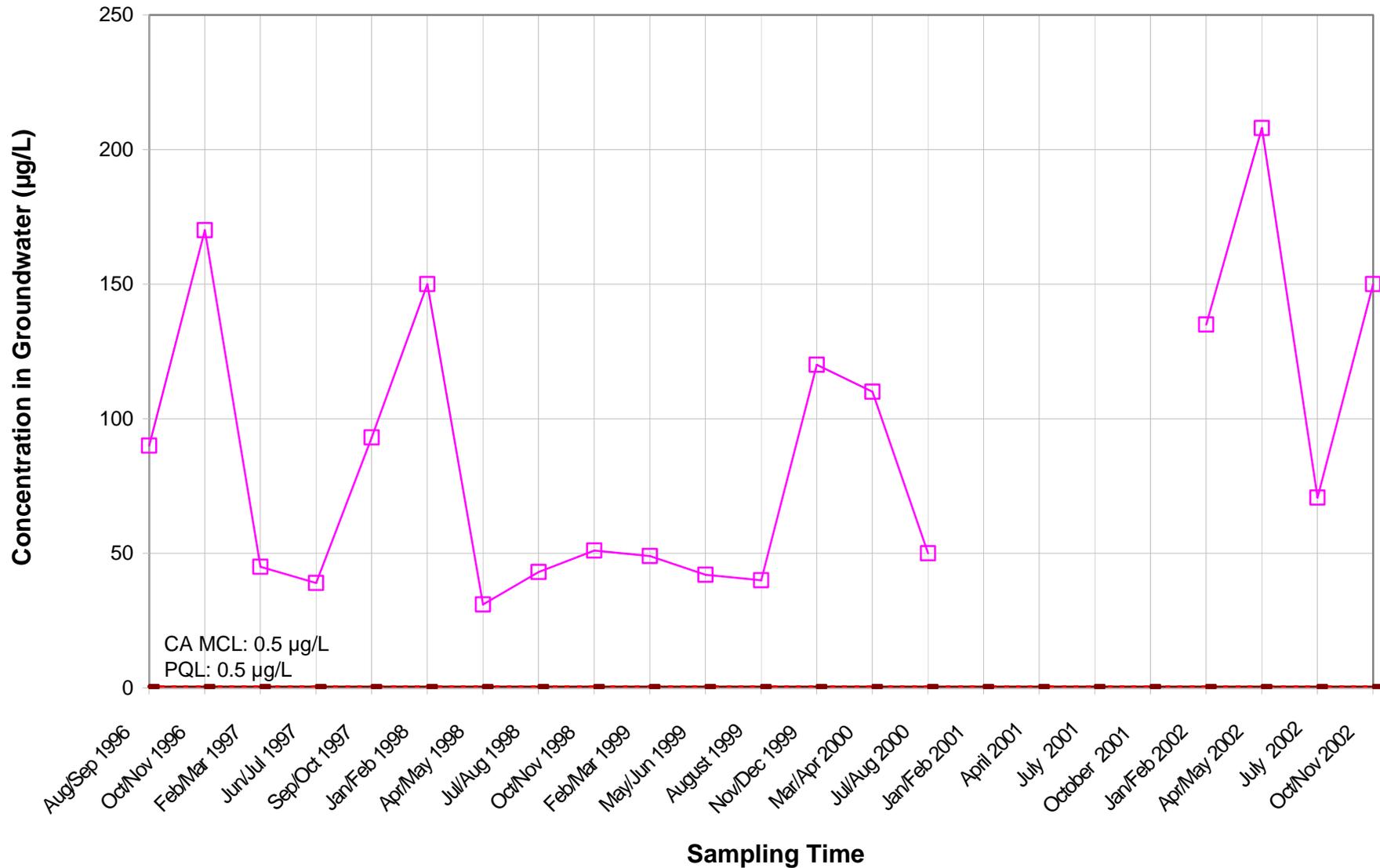


**Legend**

—□— Shallow Well      —●— PQL      - - - CA AL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-23
PERCHLORATE DETECTED AT MW-6 FROM AUG/SEP 1996 TO OCT/NOV 2002
Jet Propulsion Laboratory Pasadena, California
 SOTA Environmental Technology, Inc.

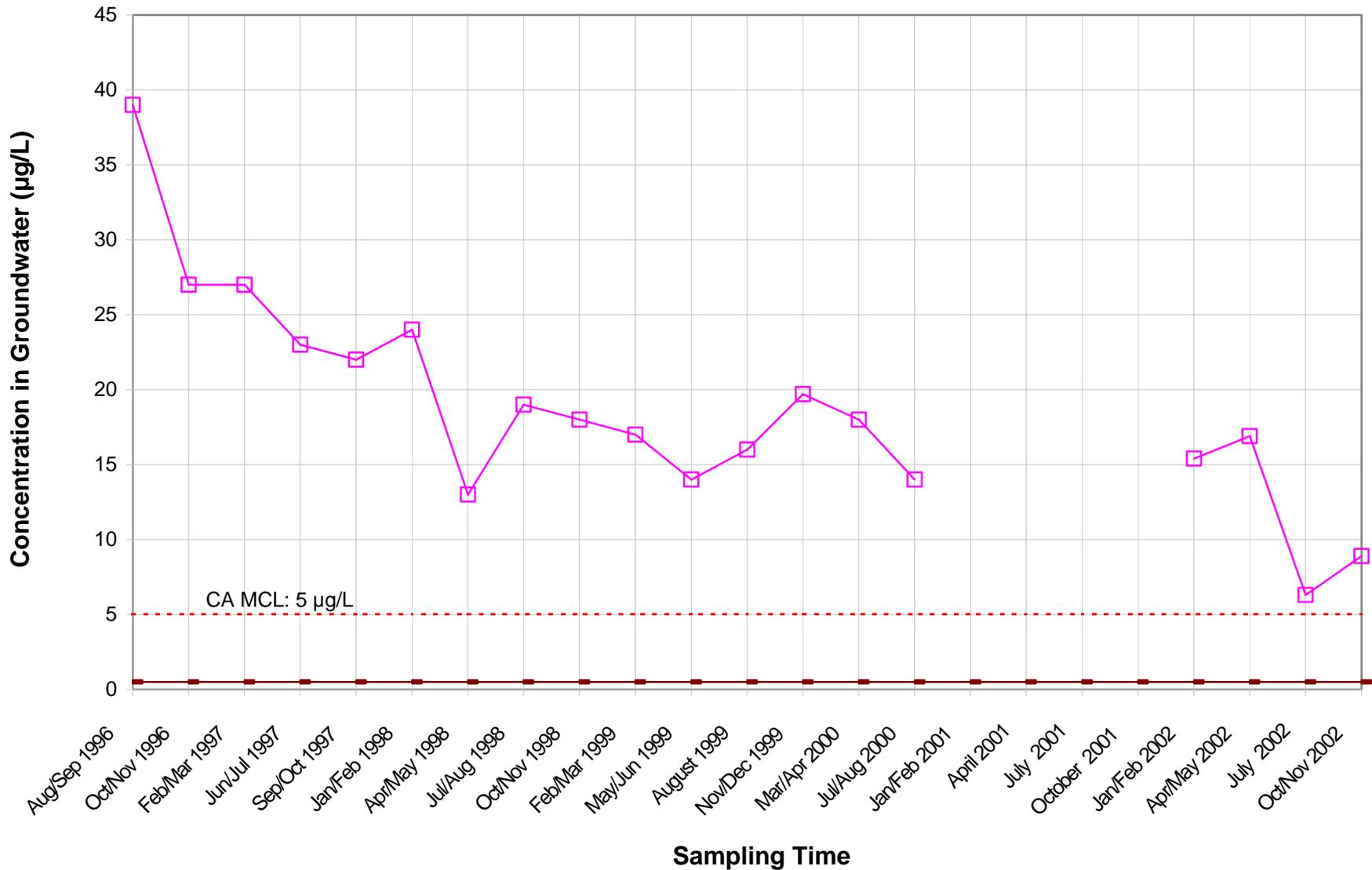


**Legend**

—□— Shallow Well    
 —●— PQL    
 - - - CA MCL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-24
<b>CARBON TETRACHLORIDE DETECTED AT MW-7 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 10px;">SOTA Environmental Technology, Inc.</span>



**Legend**

—□— Shallow Well    
 —■— PQL    
 - - - CA MCL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

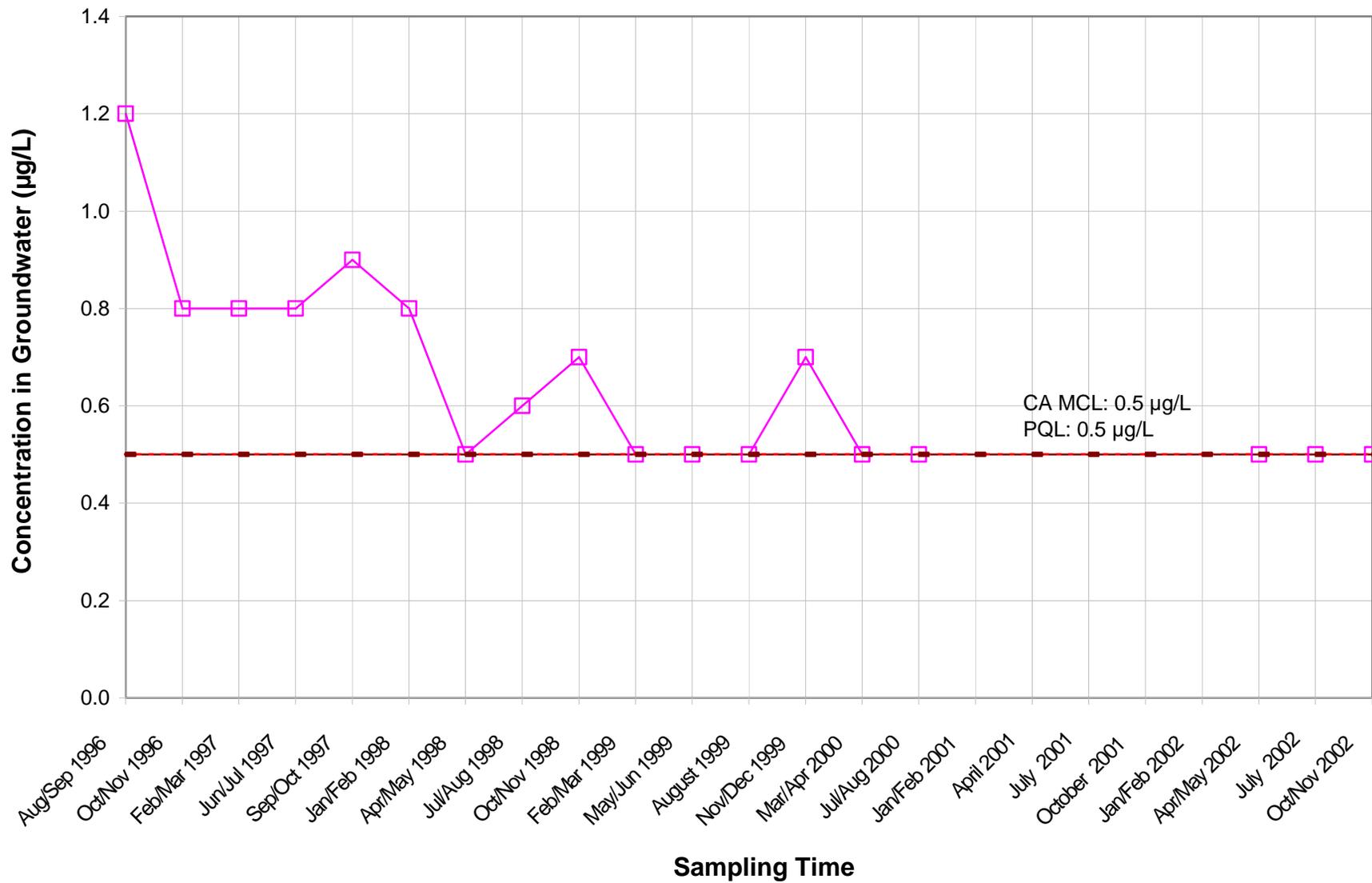
FIGURE 3-25

TRICHLOROETHENE DETECTED AT MW-7  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.



**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

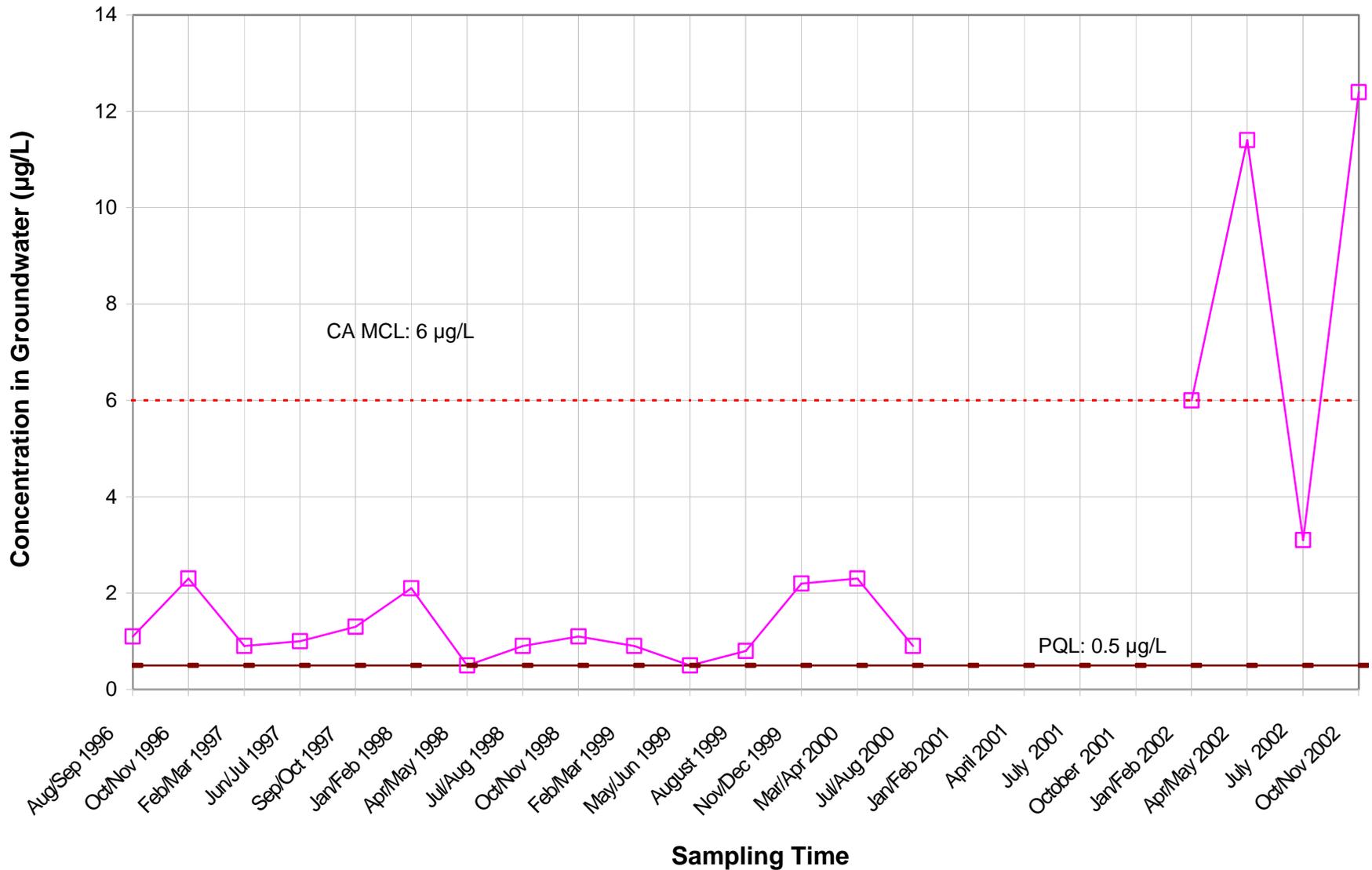
FIGURE 3-26

1, 2-DCA DETECTED AT MW-7  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

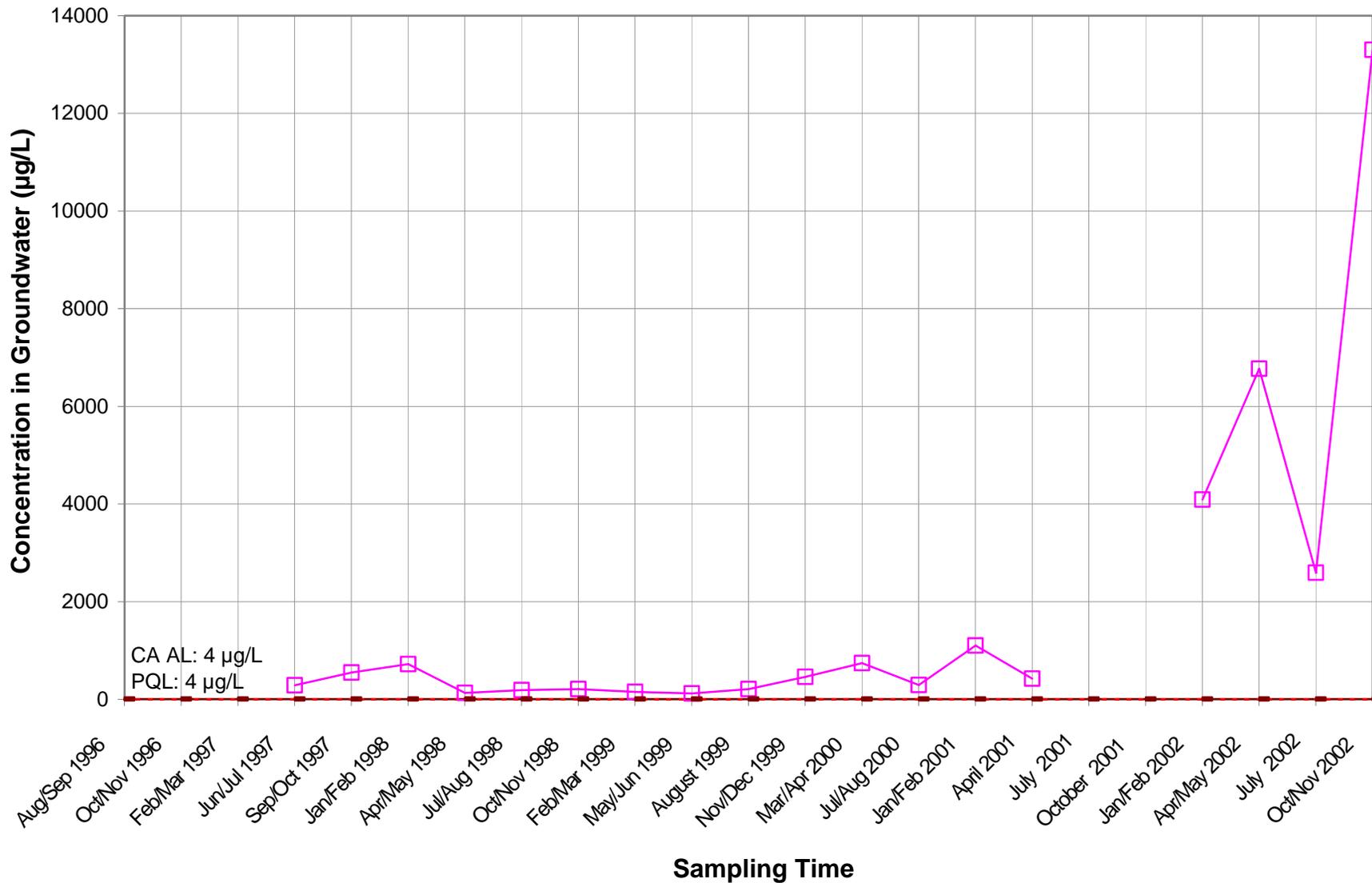


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-27
<b>1,1-DCE DETECTED AT MW-7 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 20px;">SOTA Environmental Technology, Inc.</span>



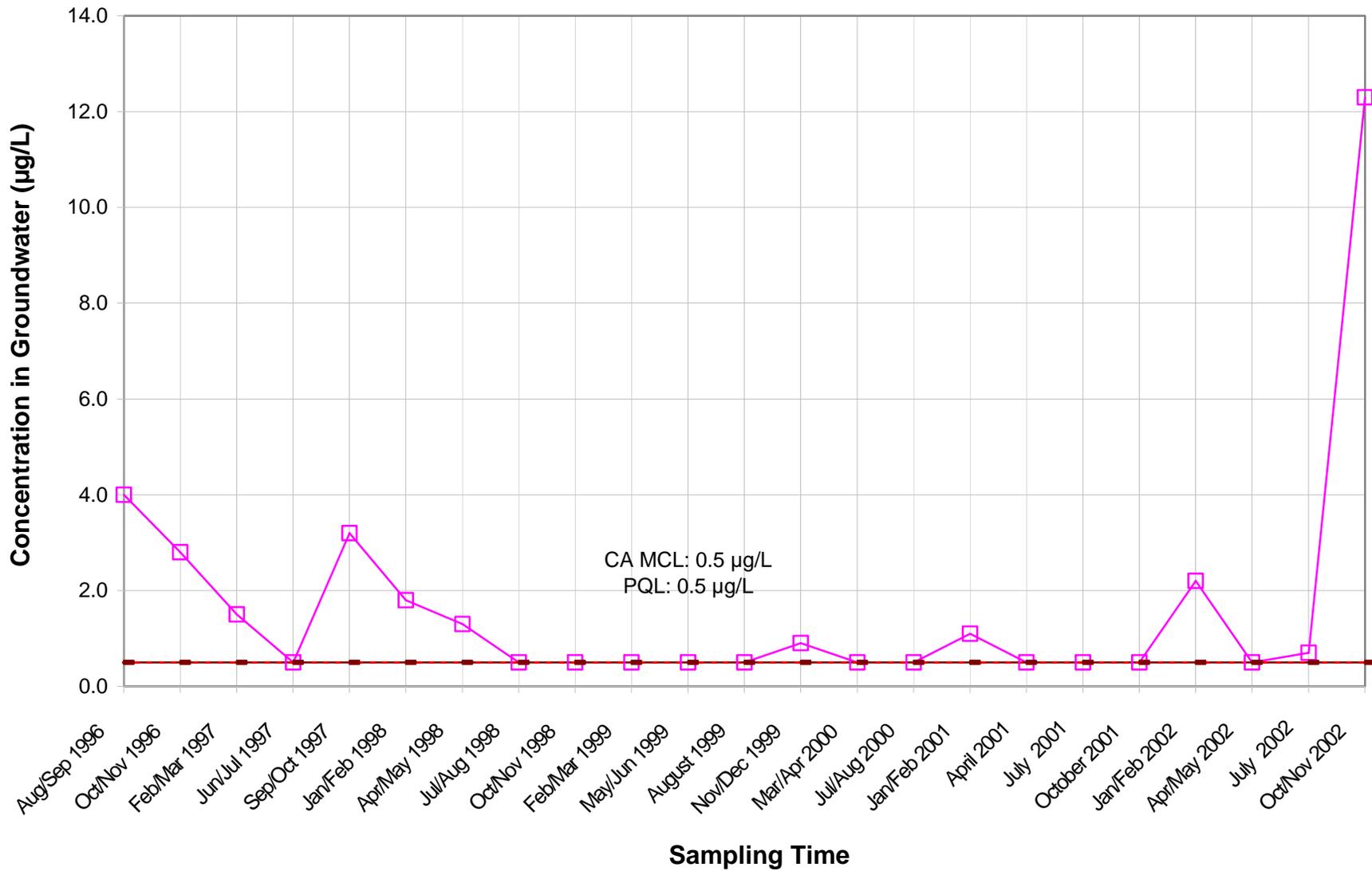
**Legend**

—□— Shallow Well    —●— PQL    - - - - CA AL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Results for MW-7 obtained from US Filter Pilot Test Report). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-28
<b>PERCHLORATE DETECTED AT MW-7 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.





**Legend**

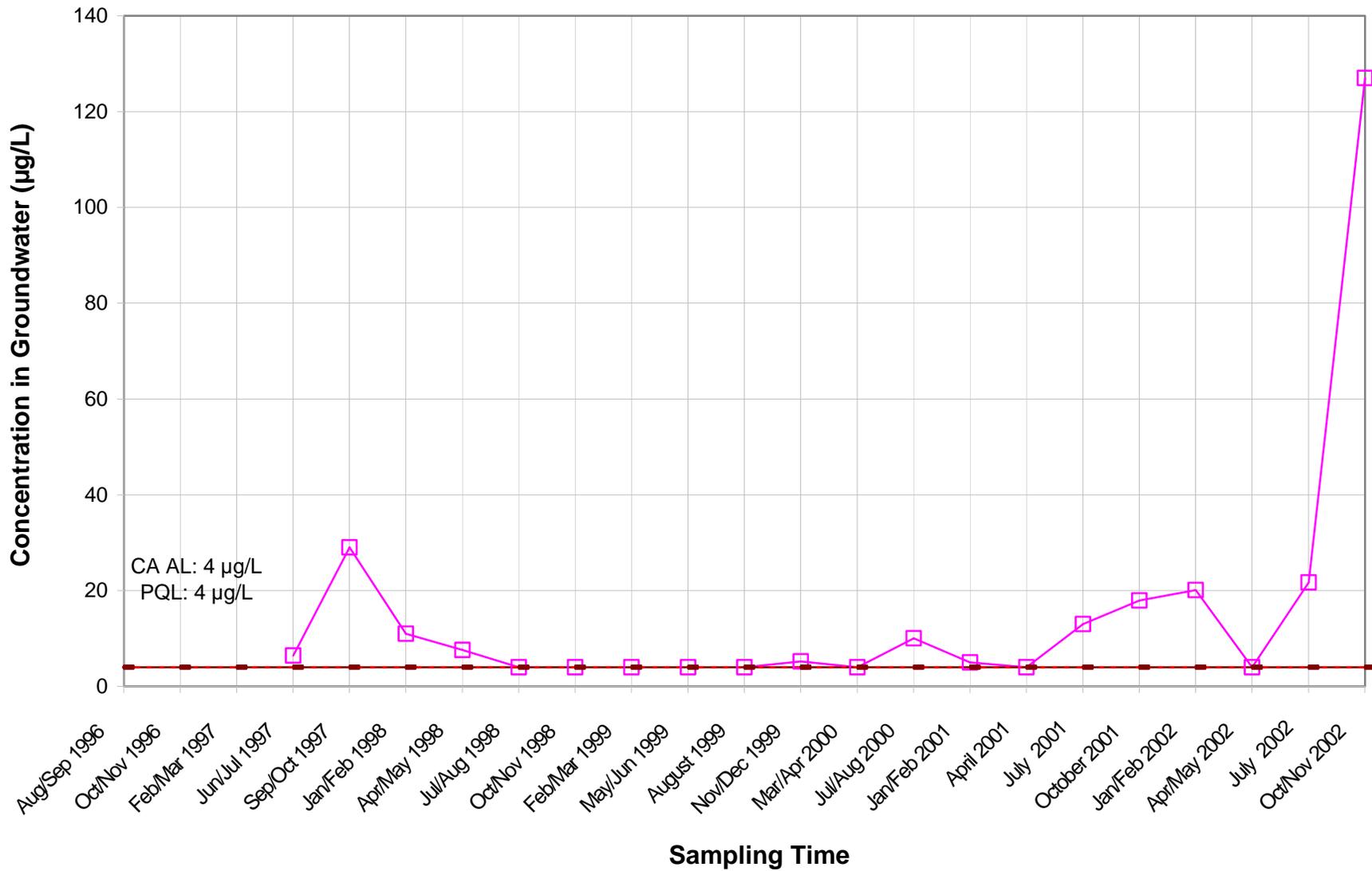
—□— Shallow Well    —●— PQL    - - - CA MCL

Only concentrations above PQL are plotted.  
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-29  
**CARBON TETRACHLORIDE DETECTED AT MW-8  
 FROM AUG/SEP 1996 TO OCT/NOV 2002**

Jet Propulsion Laboratory  
 Pasadena, California

**SOTA** Environmental Technology, Inc.  
 Environmental Technology, Inc.

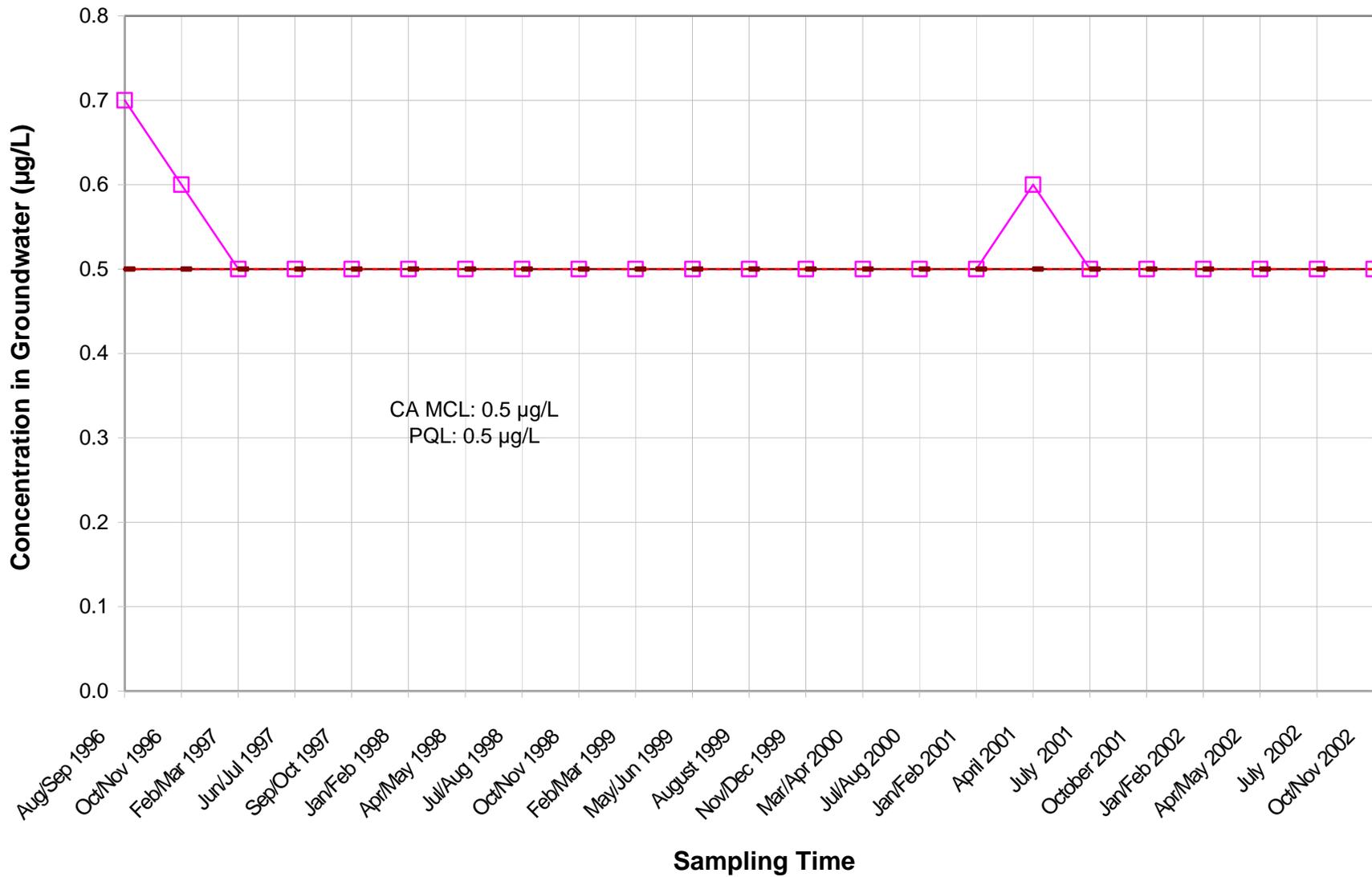


**Legend**

—□— Shallow Well    —●— PQL    - - - CA AL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-30	
PERCHLORATE DETECTED AT MW-8 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

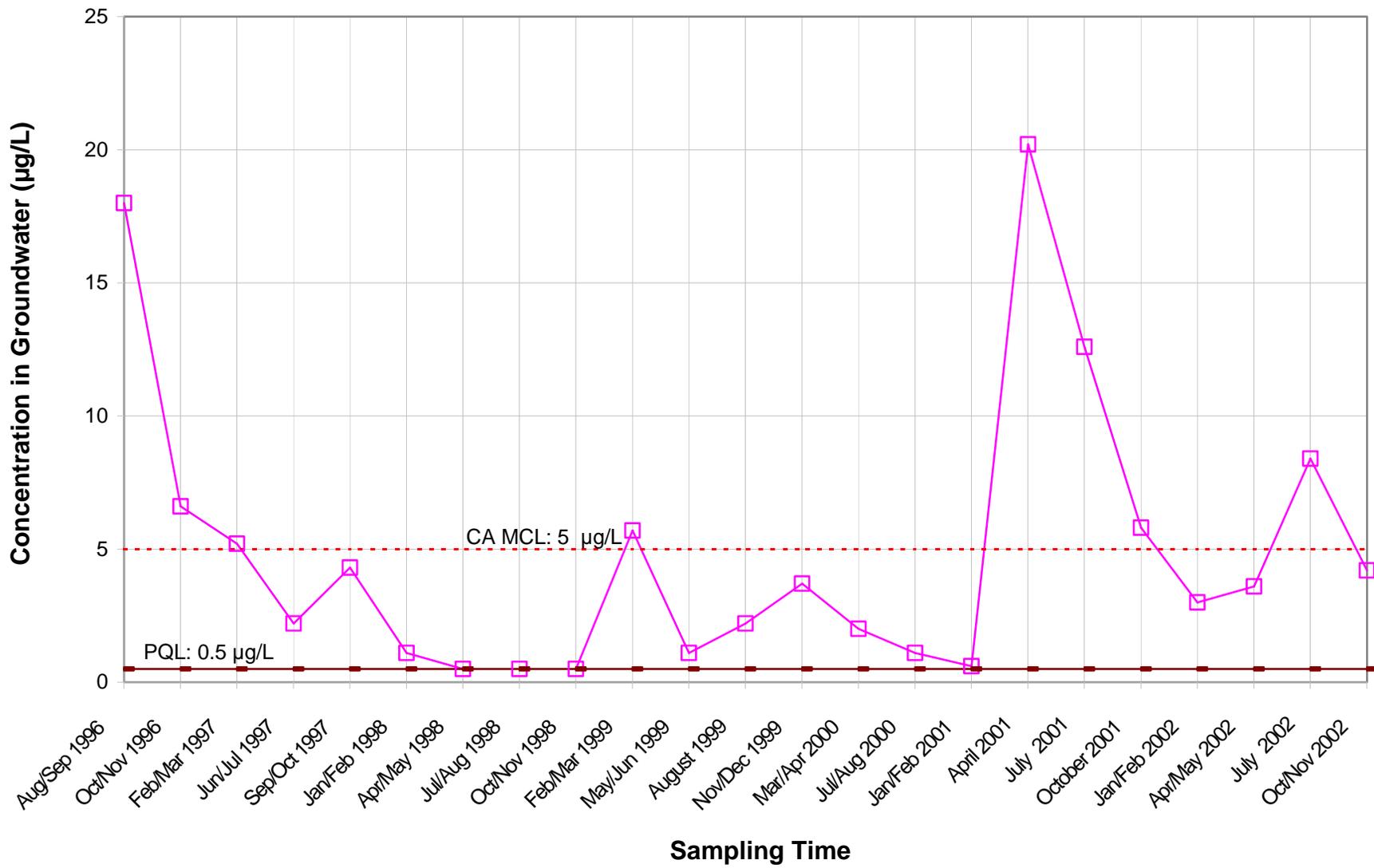


**Legend**

—□— Shallow Well    —●— PQL    - - - - CA MCL

Only concentrations above PQL are plotted.  
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-31	
CARBON TETRACHLORIDE DETECTED AT MW-10 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

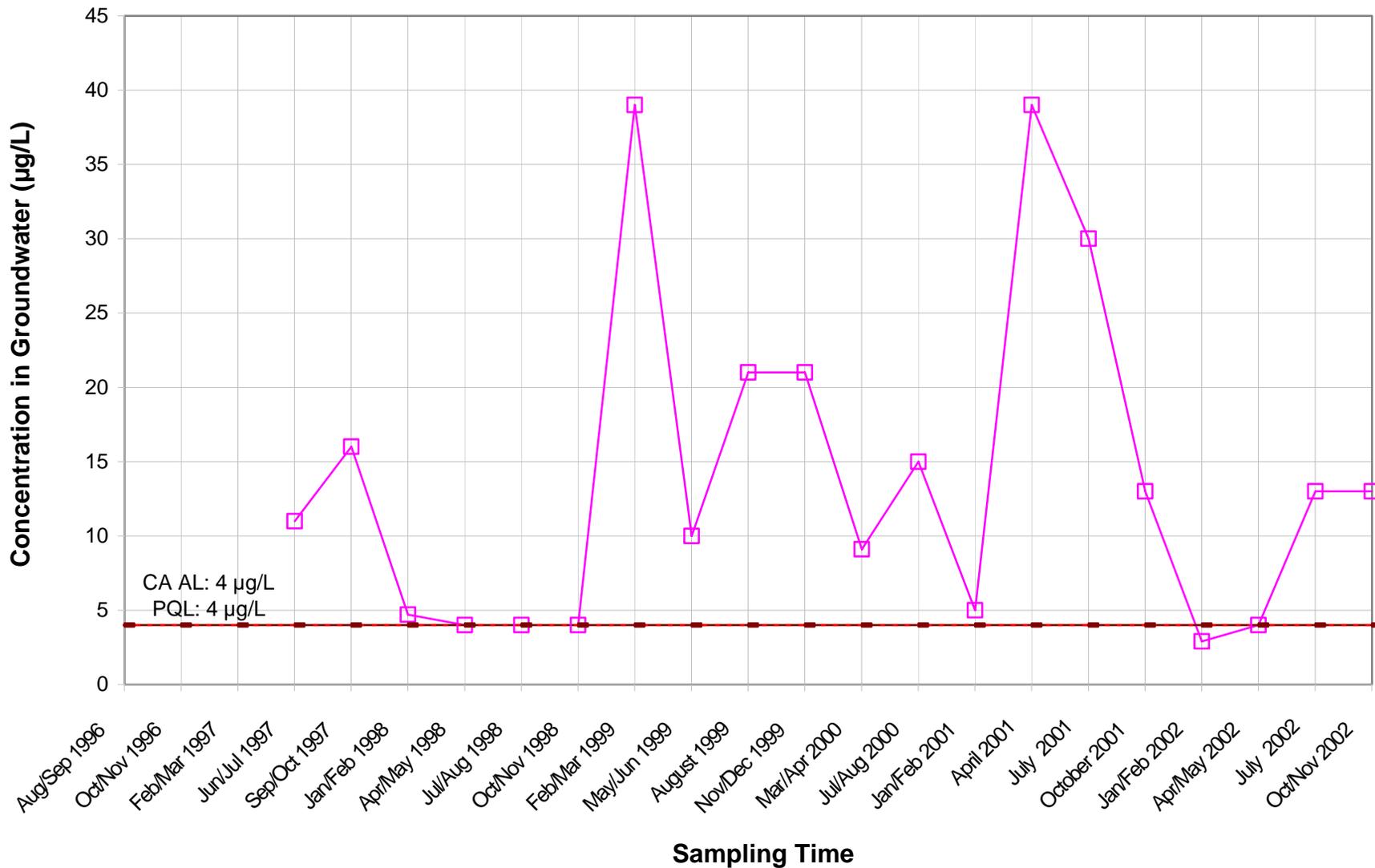


**Legend**

—□— Shallow Well    —●— PQL    - - - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-32	
TRICHLOROETHENE DETECTED AT MW-10 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

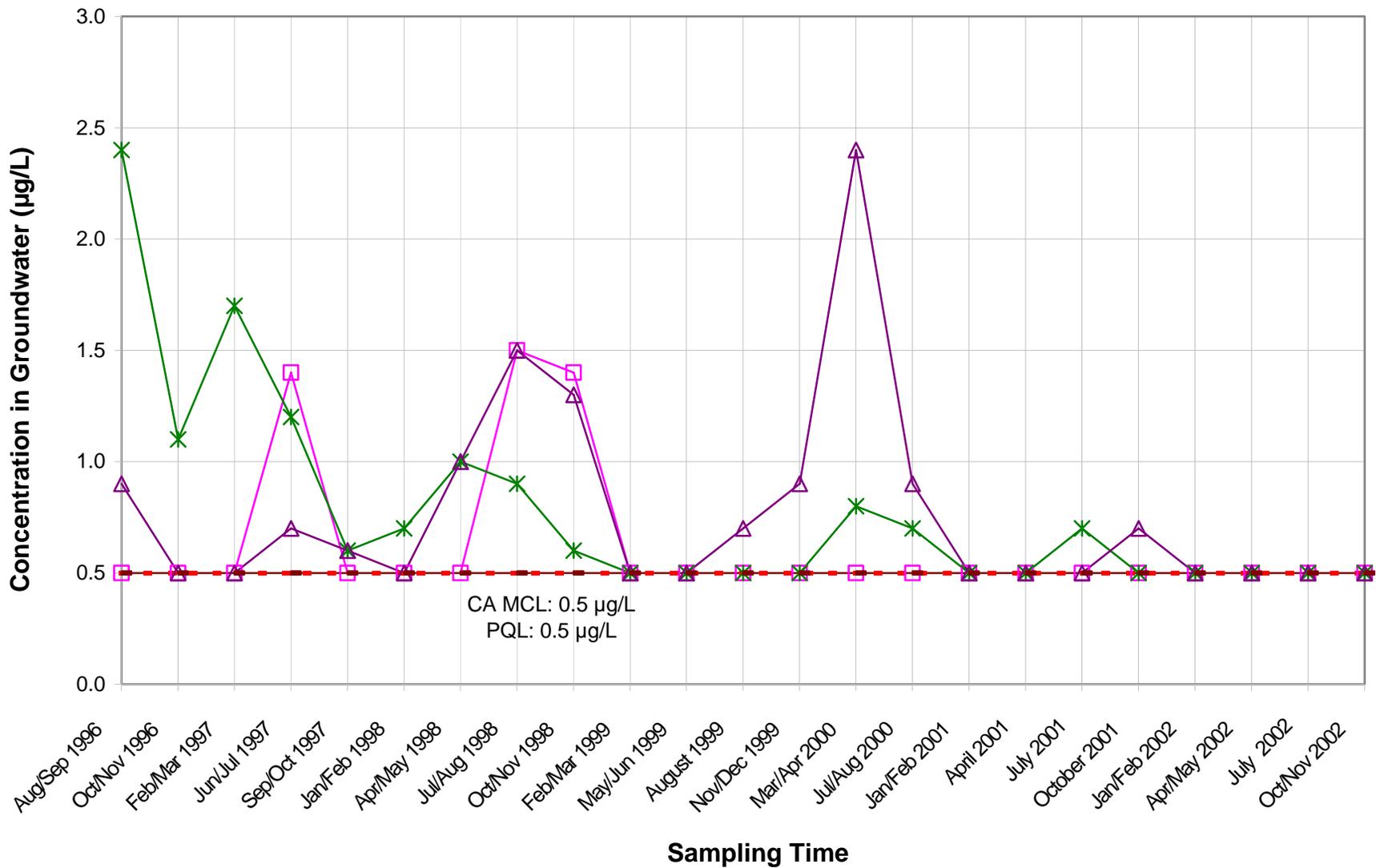


**Legend**

—□— Shallow Well    —●— PQL    - - - - CA AL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-33	
PERCHLORATE DETECTED AT MW-10 FROM AUG/SEP 1996 TO OCT/NOV 2002	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.



**Legend**

- Screen 1    —\*— Screen 2    —△— Screen 3    —●— PQL    - - - CA MCL

Only concentrations above PQL are plotted. Screens 4 and 5 concentration were below PQL.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

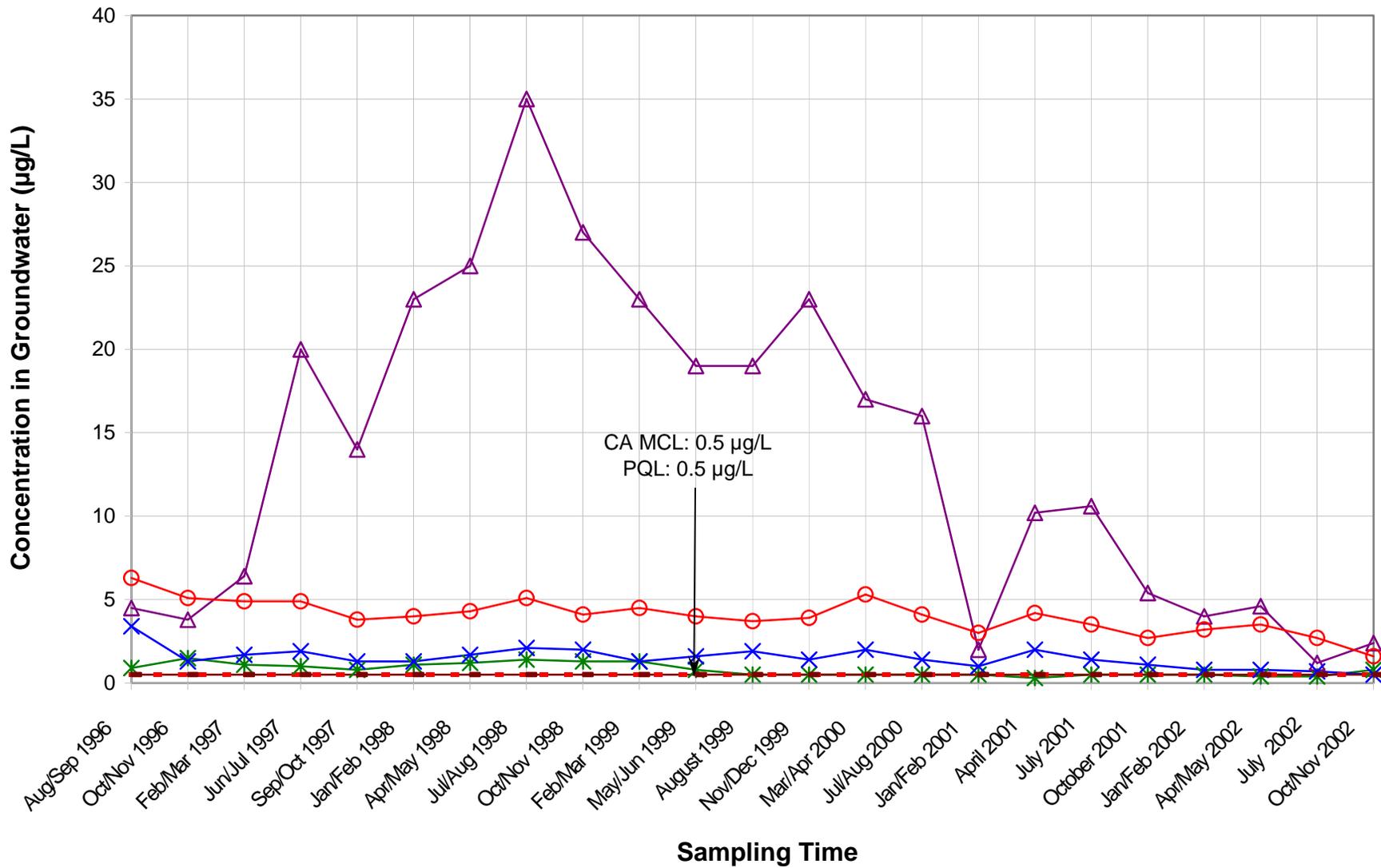
FIGURE 3-34

CARBON TETRACHLORIDE DETECTED AT MW-11  
 FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
 Pasadena, California



SOTA Environmental Technology, Inc.

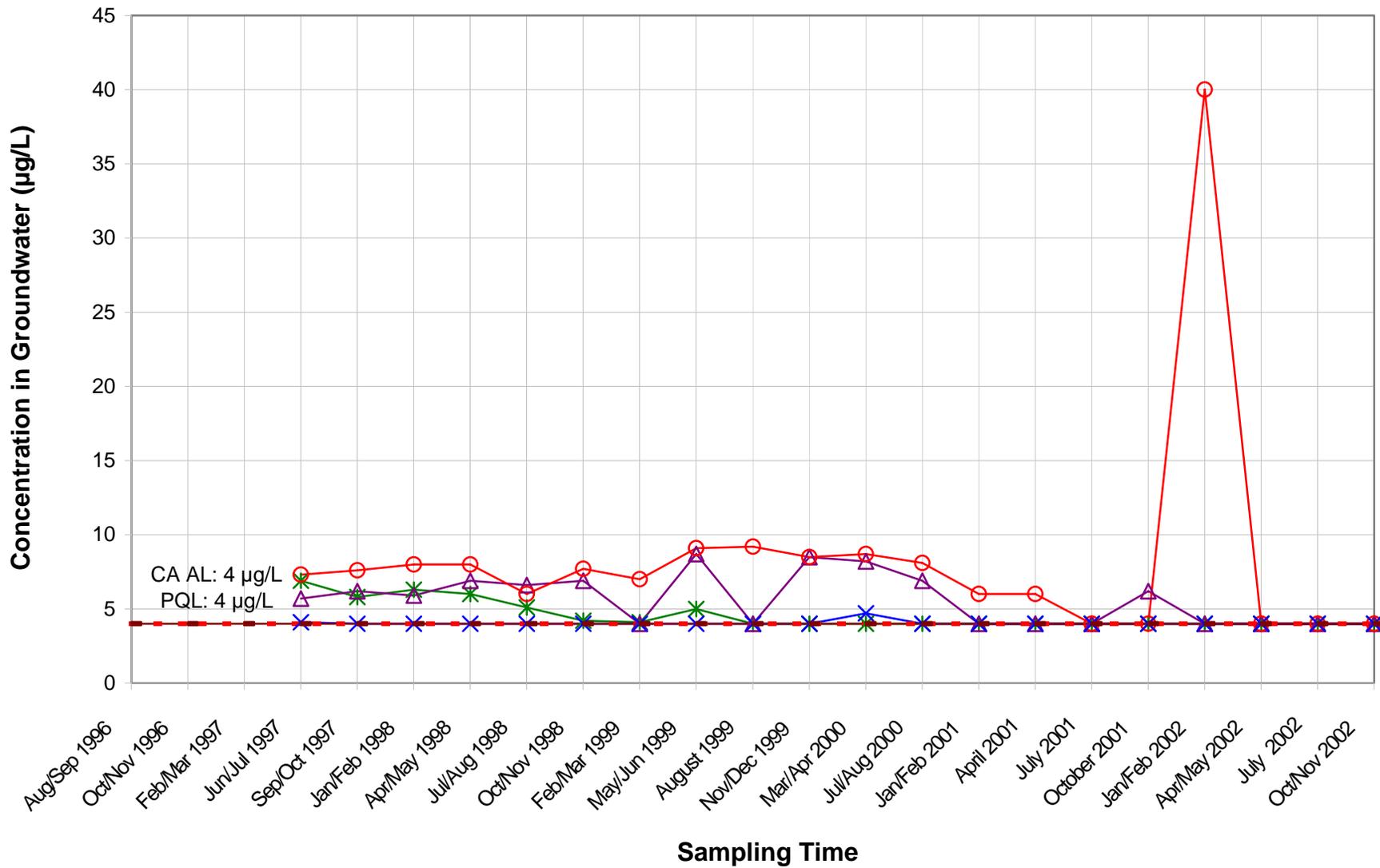


**Legend**

- ✱ Screen 2     
 △ Screen 3     
 ○ Screen 4     
 ✕ Screen 5
- PQL     
 - - - CA MCL

Only concentrations above PQL are plotted. Screen 1 concentration was below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-35
<b>CARBON TETRACHLORIDE DETECTED AT MW-12 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.



**Legend**

—\*— Screen 2    —△— Screen 3    —○— Screen 4    —×— Screen 5    —●— PQL    - - - CA AL

Only concentrations above PQL are plotted. Screen 1 concentration was below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

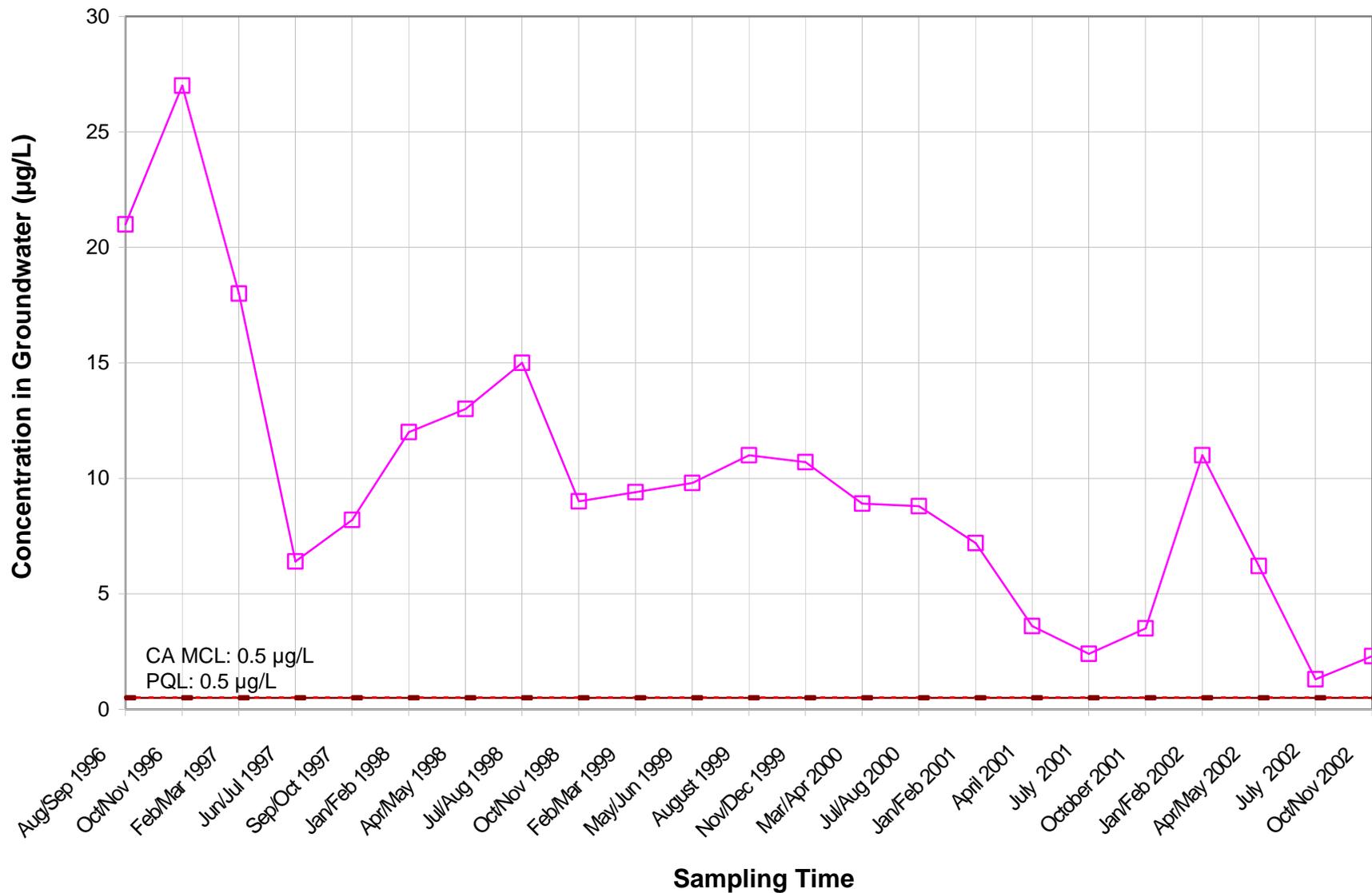
FIGURE 3-36

PERCHLORATE DETECTED AT MW-12 FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

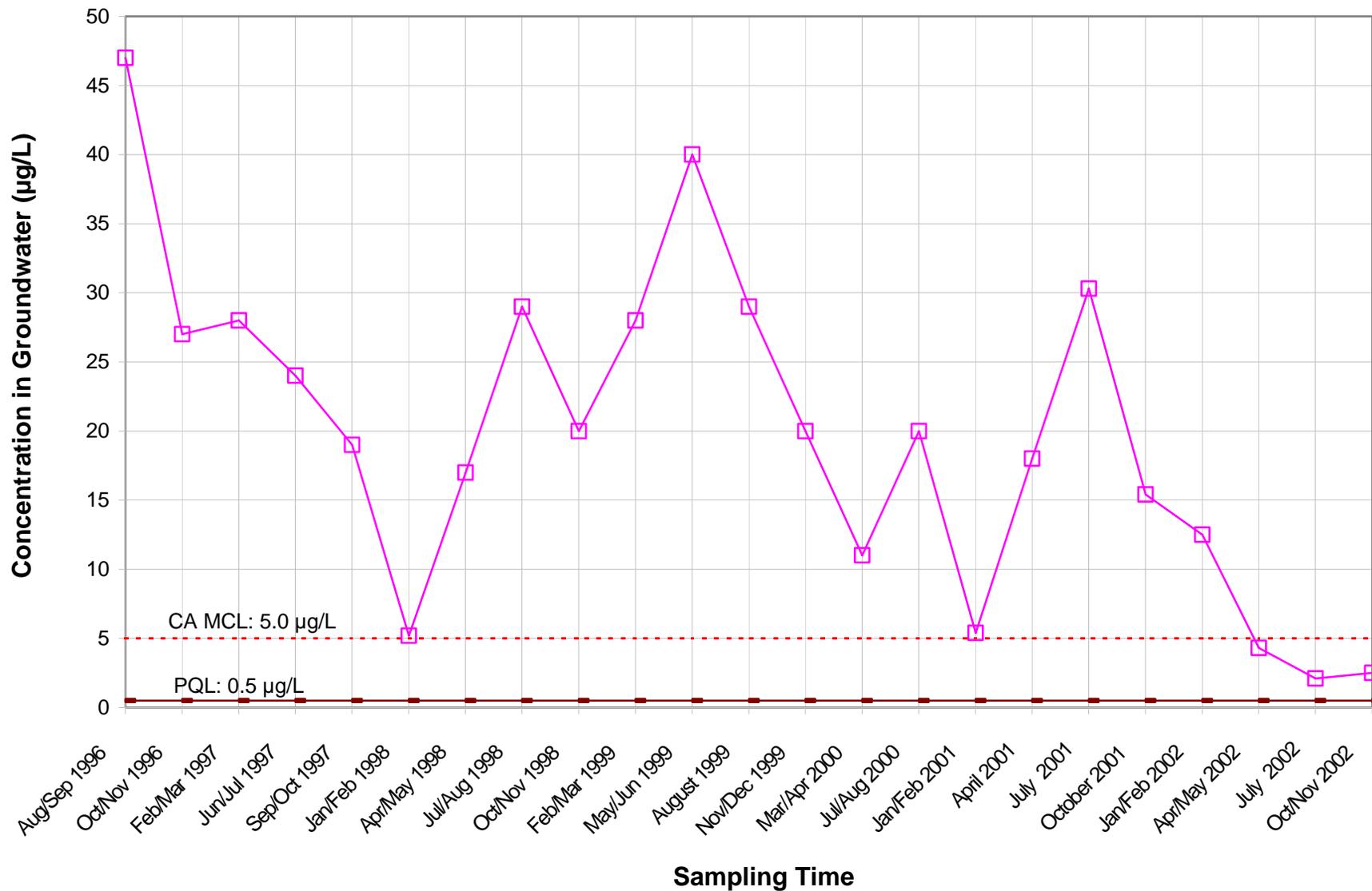


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-37
<b>CARBON TETRACHLORIDE DETECTED AT MW-13 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA</span> Environmental Technology, Inc.

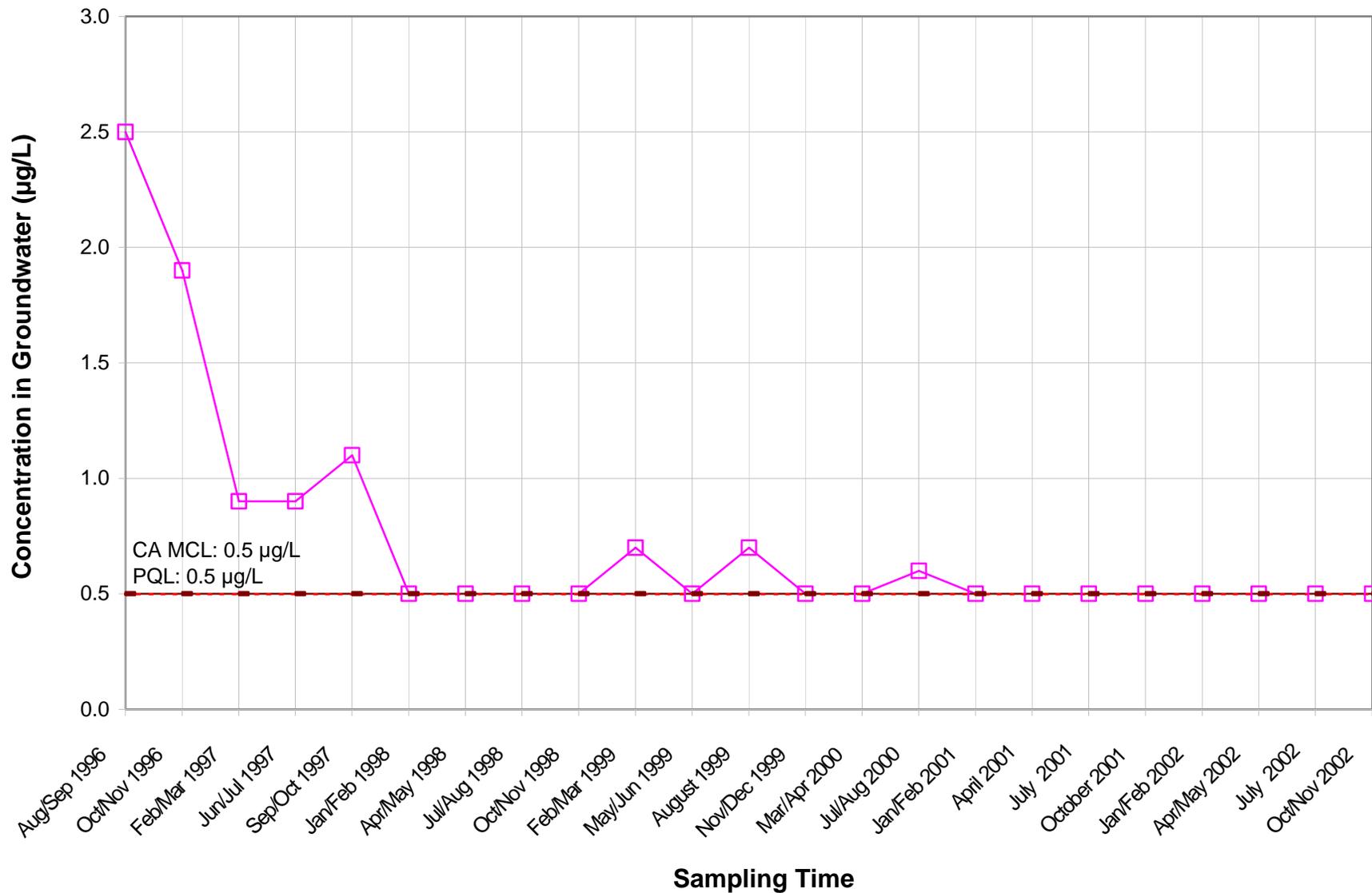


**Legend**

—□— Shallow Well    
 —●— PQL    
 - - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-38
<b>TRICHLOROETHENE DETECTED AT MW-13 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA</span> Environmental Technology, Inc.
SOTA Environmental Technology, Inc.

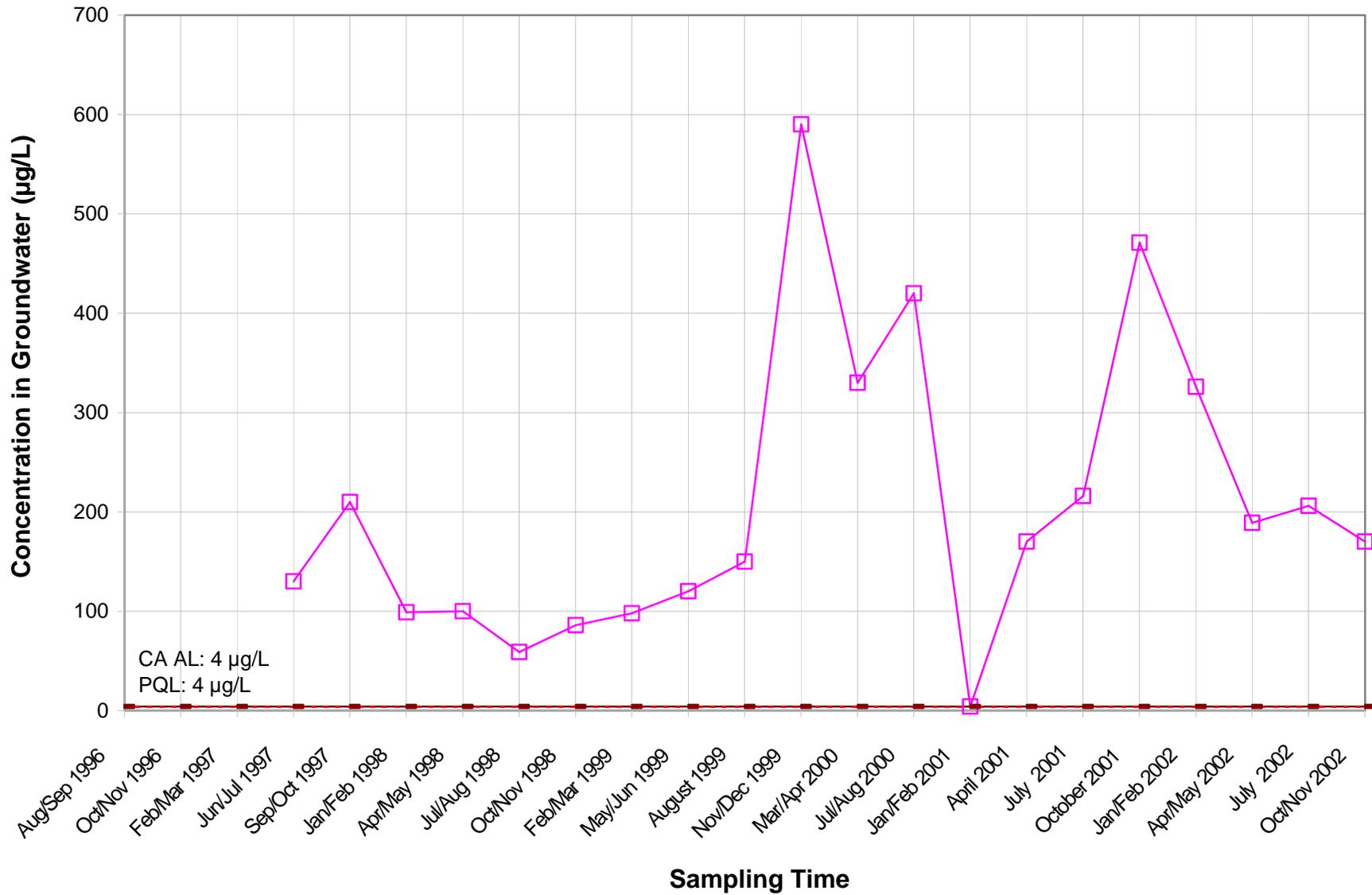


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-39
1,2-DCA DETECTED AT MW-13 FROM AUG/SEP 1996 TO OCT/NOV 2002
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA</span> Environmental Technology, Inc.

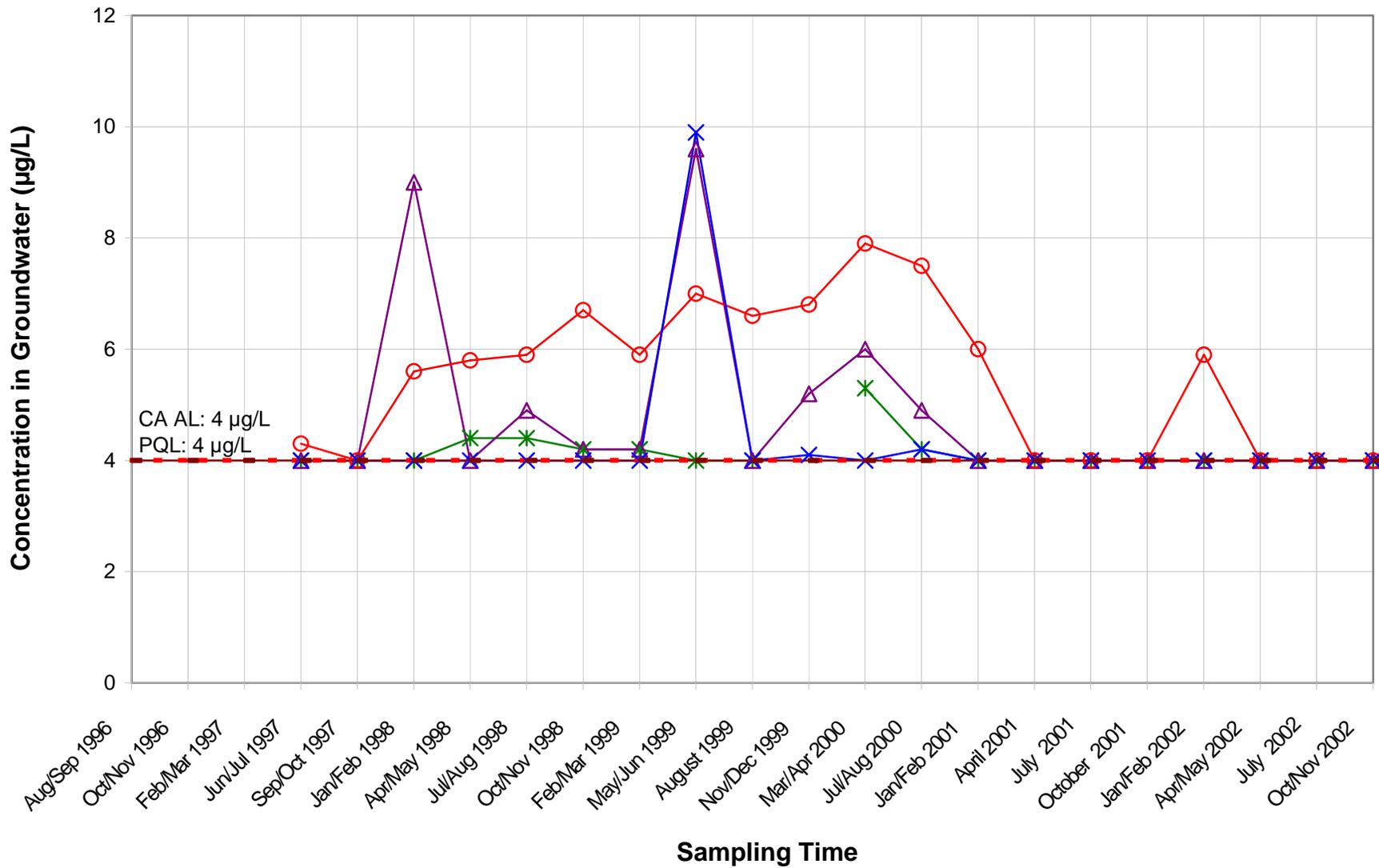


**Legend**

- Shallow Well
- PQL
- - - CA AL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-40
<b>PERCHLORATE DETECTED AT MW-13 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>



**Legend**

\* Screen 1   
 △ Screen 2   
 ○ Screen 3   
 × Screen 4   
 — PQL   
 - - - CA AL

Only concentrations above PQL are plotted. Screen 5 concentration was below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

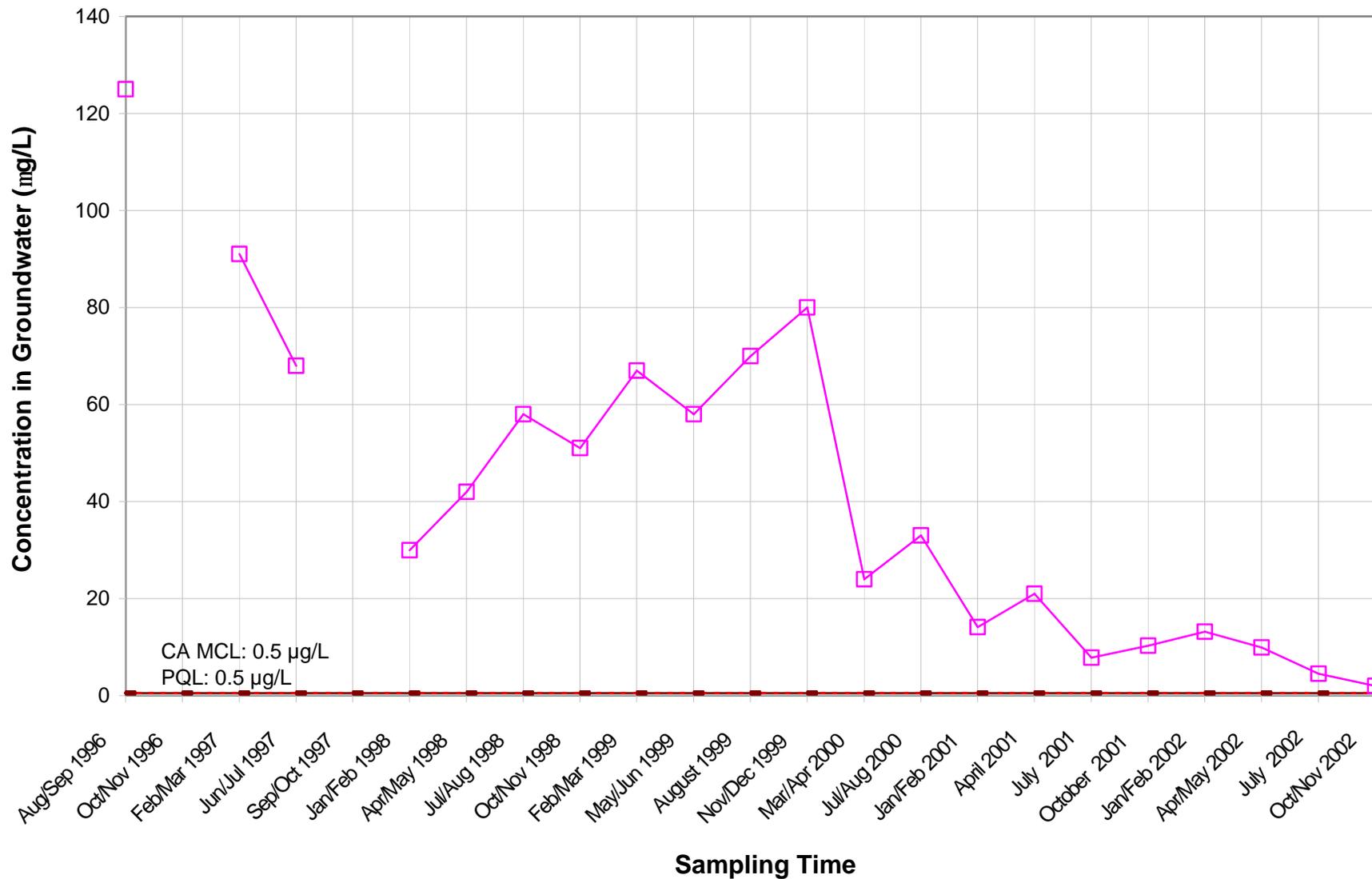
FIGURE 3-41

PERCHLORATE DETECTED AT MW-14 FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

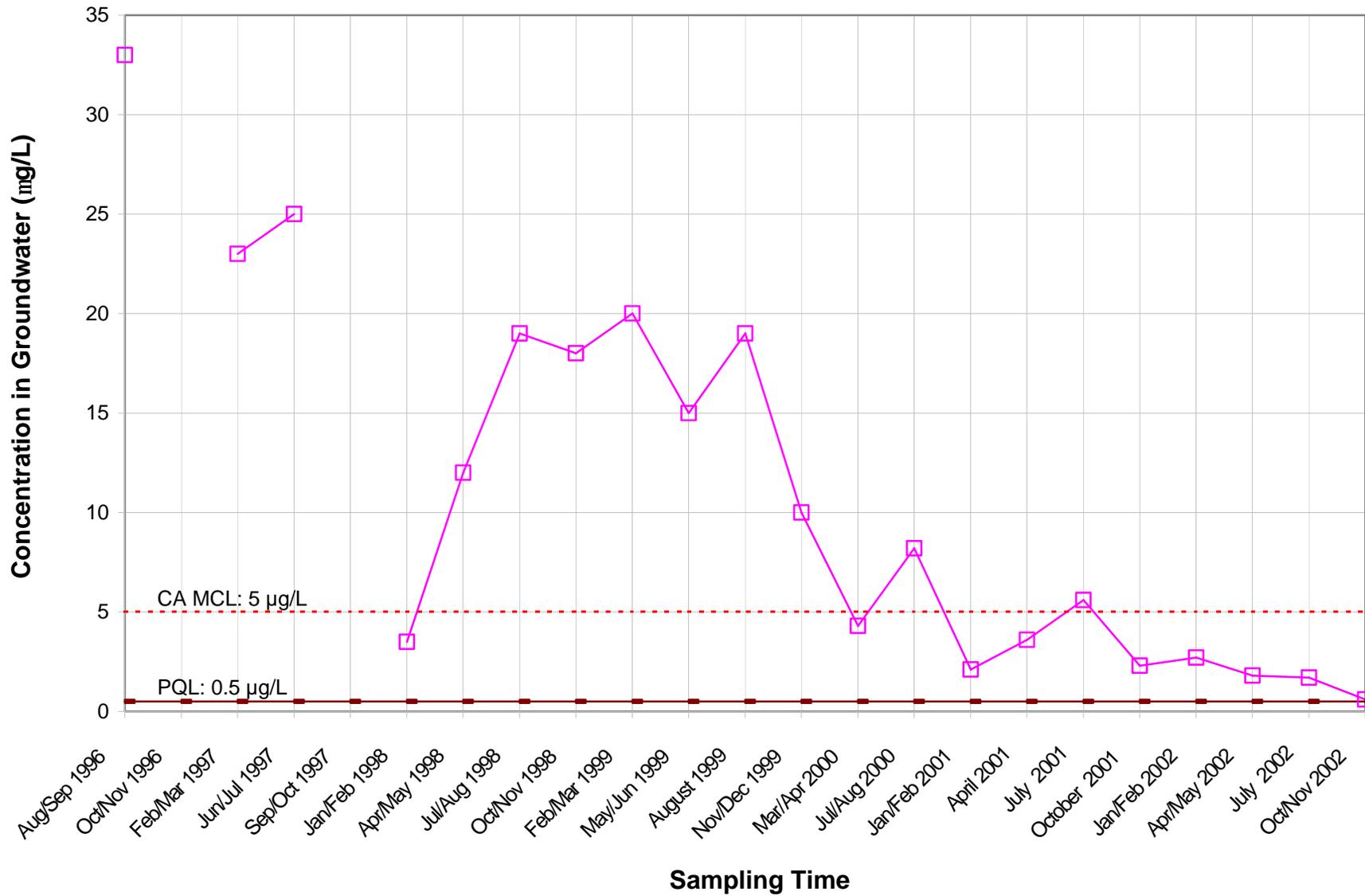


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-42
<b>CARBON TETRACHLORIDE DETECTED AT MW-16 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 10px;">SOTA Environmental Technology, Inc.</span>

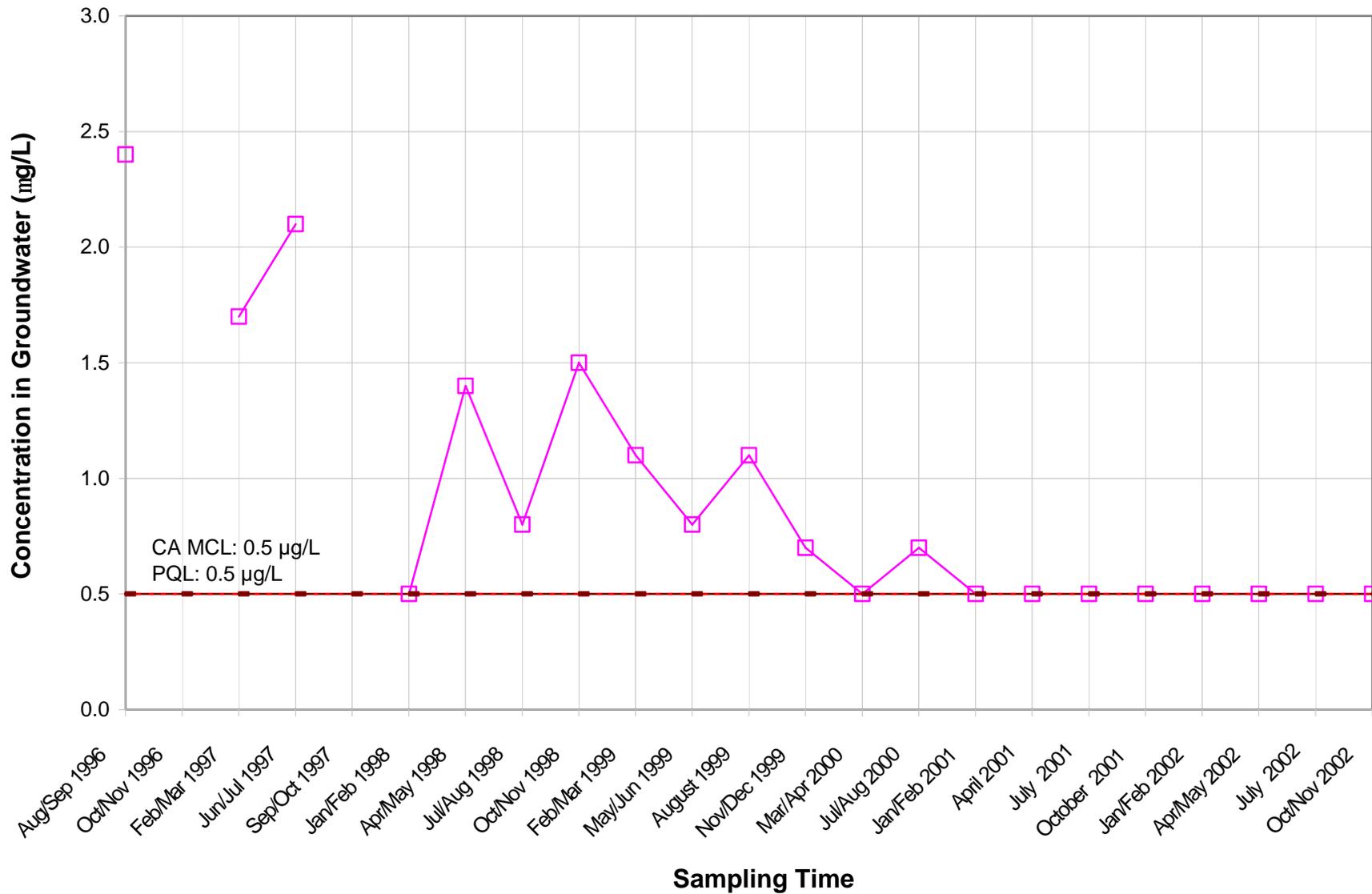


**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-43
<b>TRICHLOROETHENE DETECTED AT MW-16 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-size: small; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>



**Legend**

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

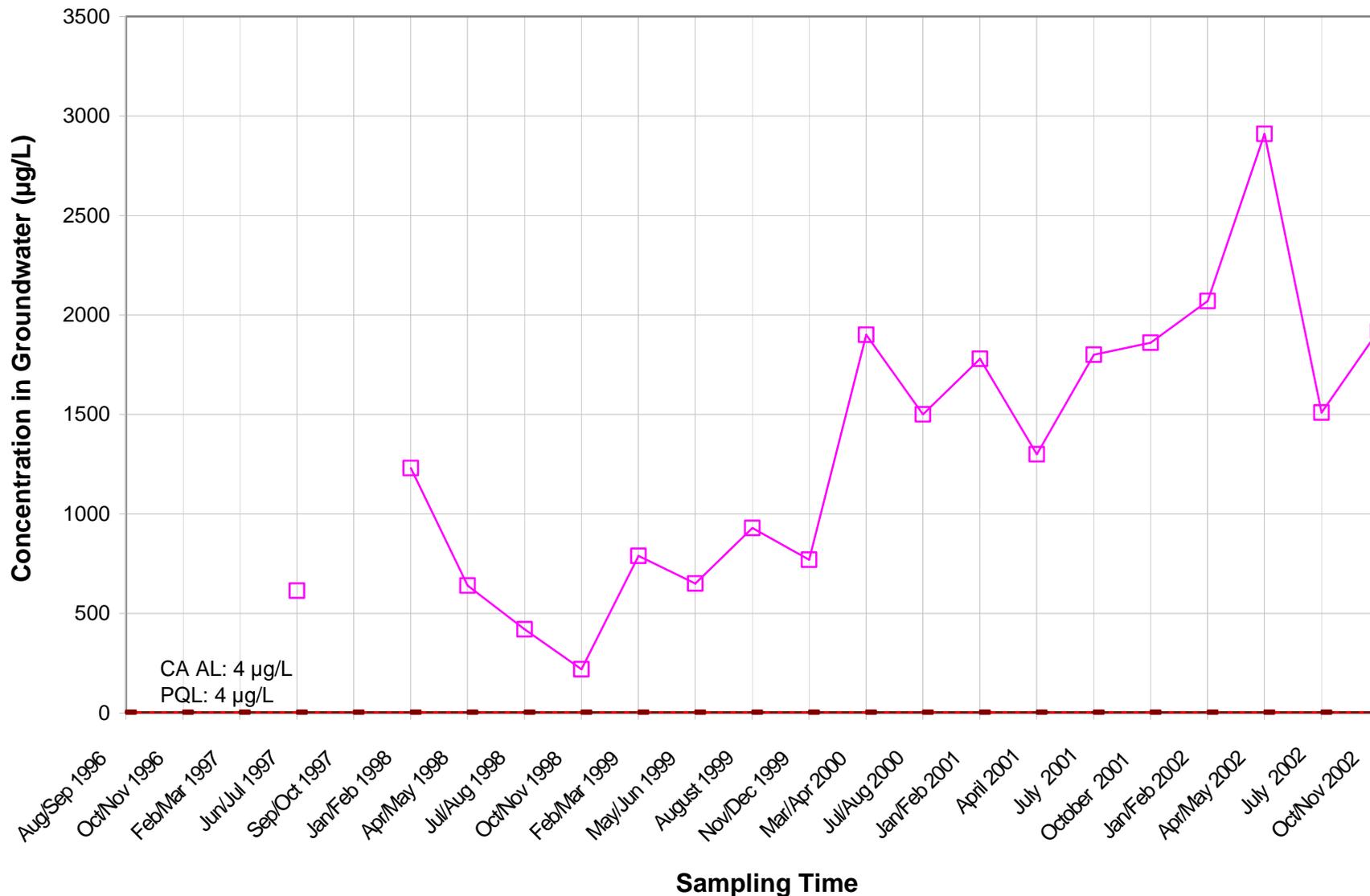
FIGURE 3-44

1, 2-DCA DETECTED AT MW-16  
 FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
 Pasadena, California



SOTA Environmental Technology, Inc.



**Legend**

—□— Shallow Well      —●— PQL      - - - - - CA AL

Only concentrations above PQL are plotted.  
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

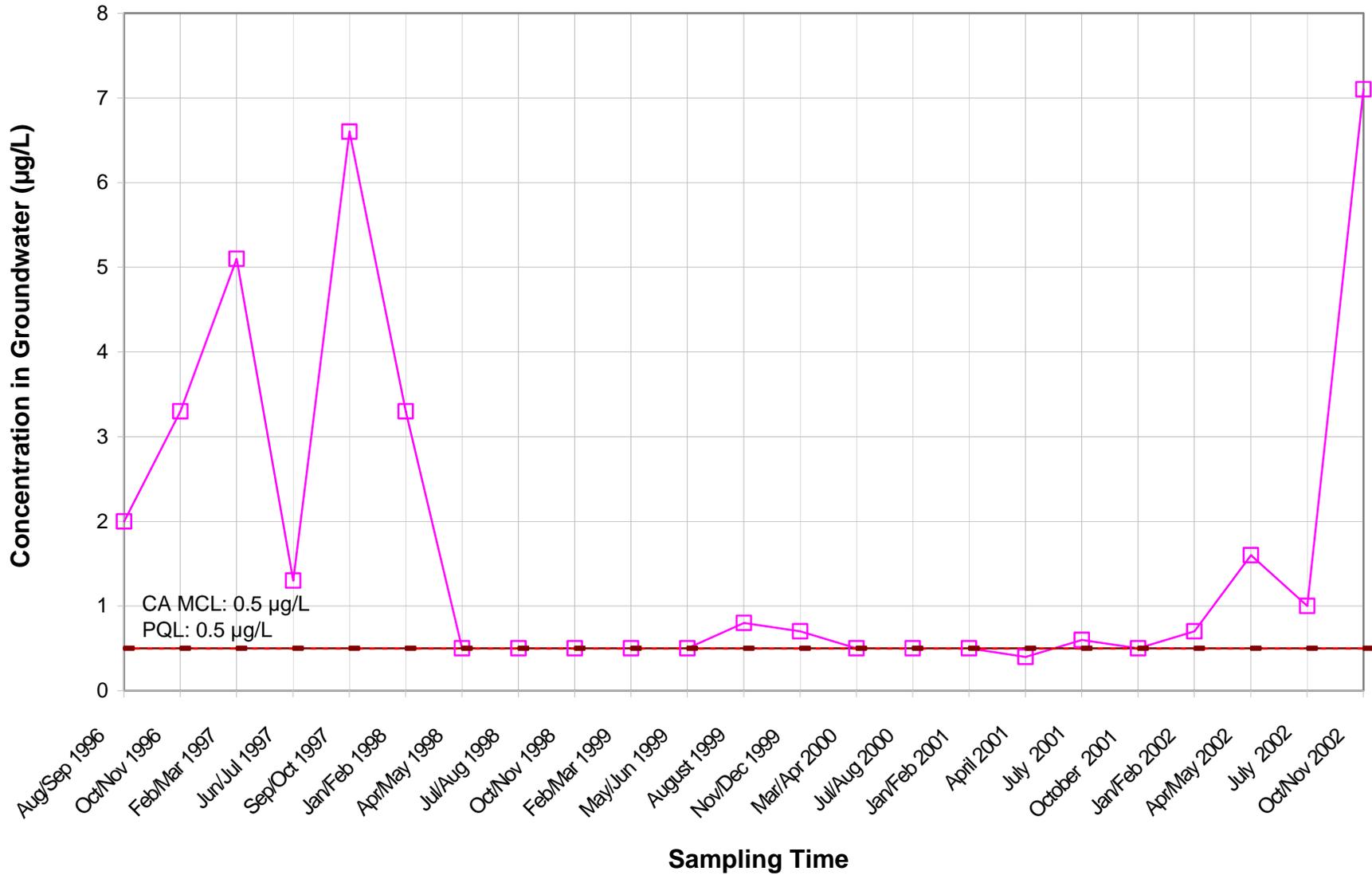
FIGURE 3-45

PERCHLORATE DETECTED AT MW-16  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

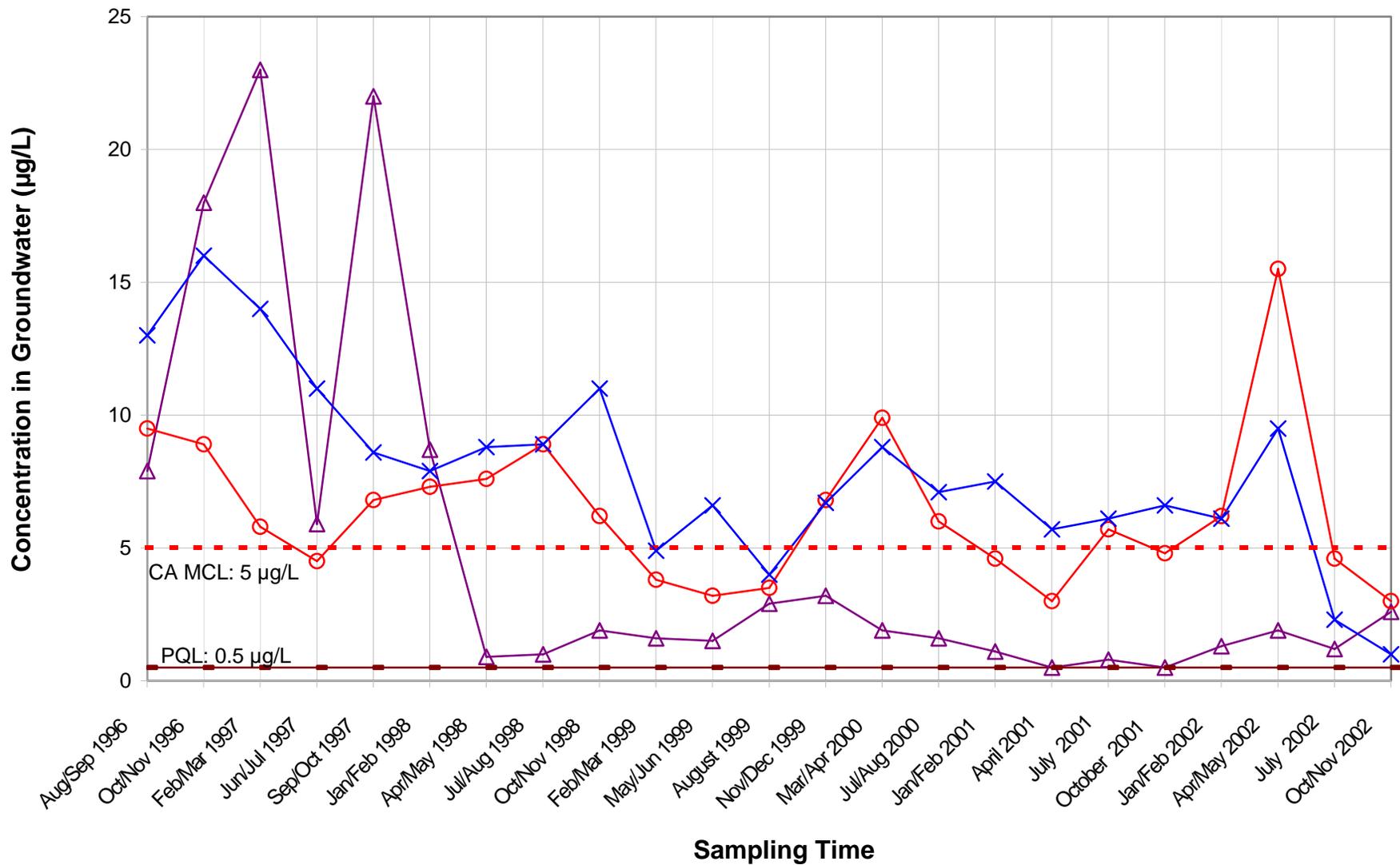


**Legend**

- Screen 3
- PQL
- - -■- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-46
<b>CARBON TETRACHLORIDE DETECTED AT MW-17 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA</span> Environmental Technology, Inc.
SOTA Environmental Technology, Inc.



**Legend**

- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1 and 2 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

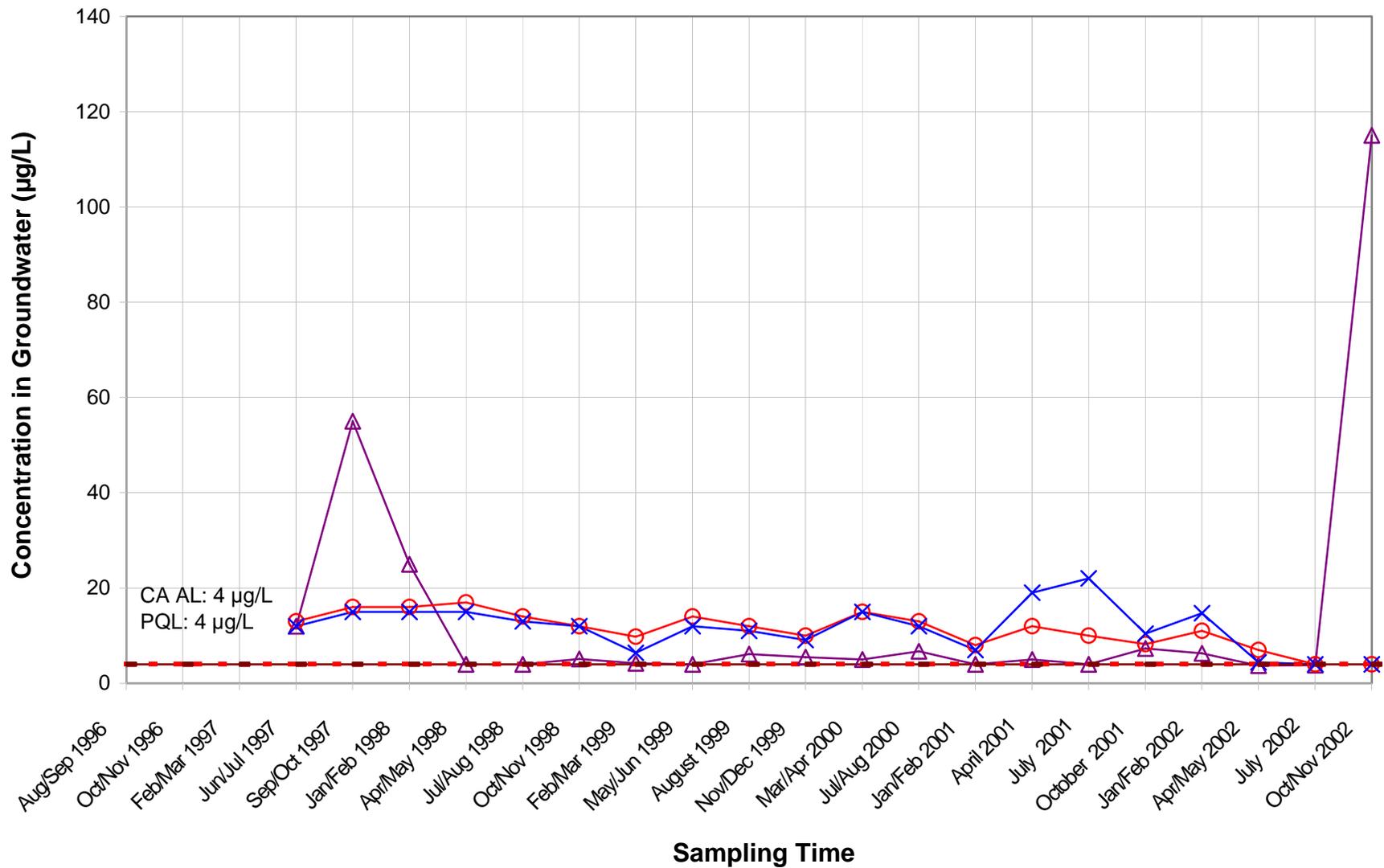
FIGURE 3-47

TRICHLOROETHENE DETECTED AT MW-17  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.



**Legend**

- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 1 and 2 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

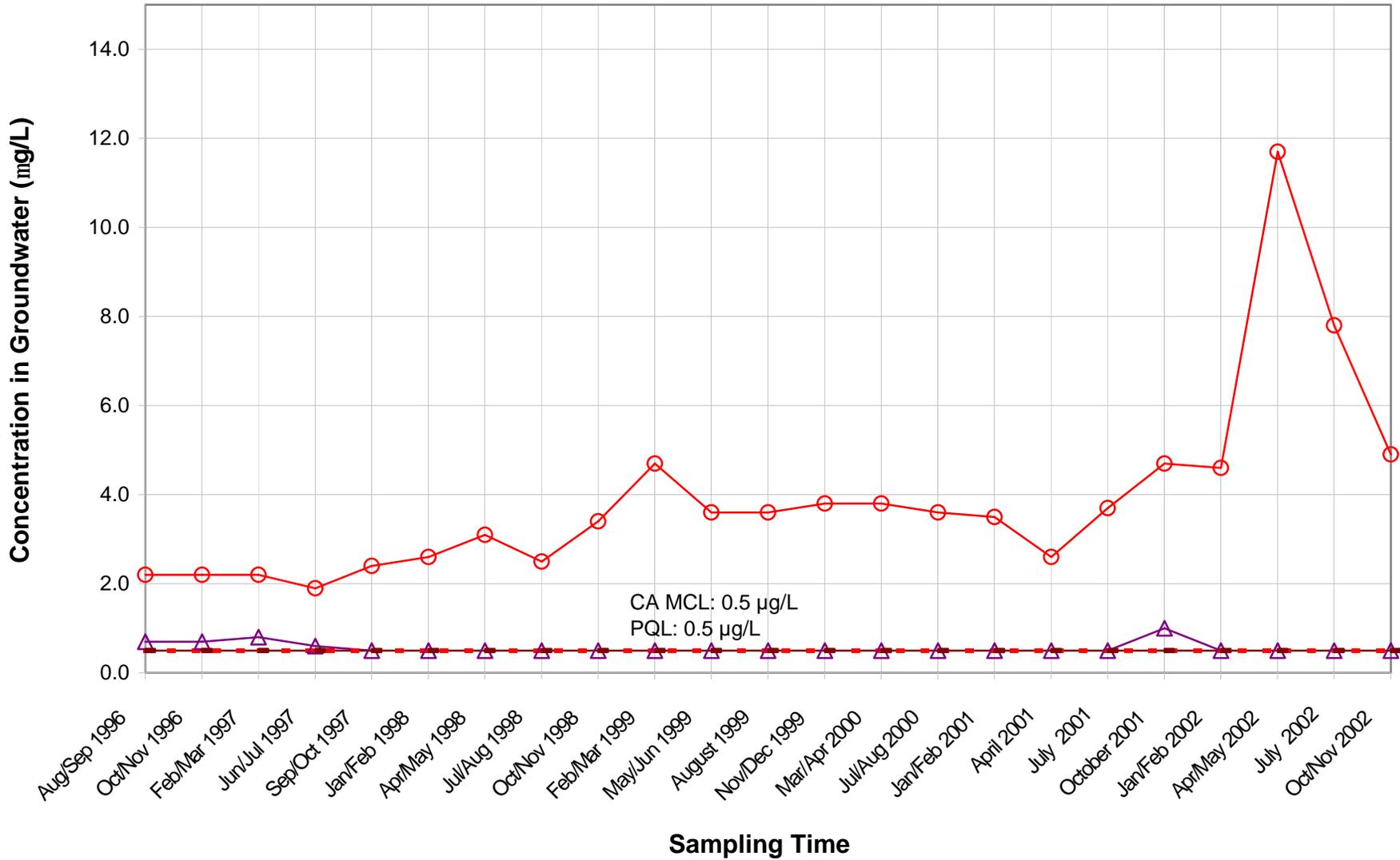
FIGURE 3-48

PERCHLORATE DETECTED AT MW-17  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

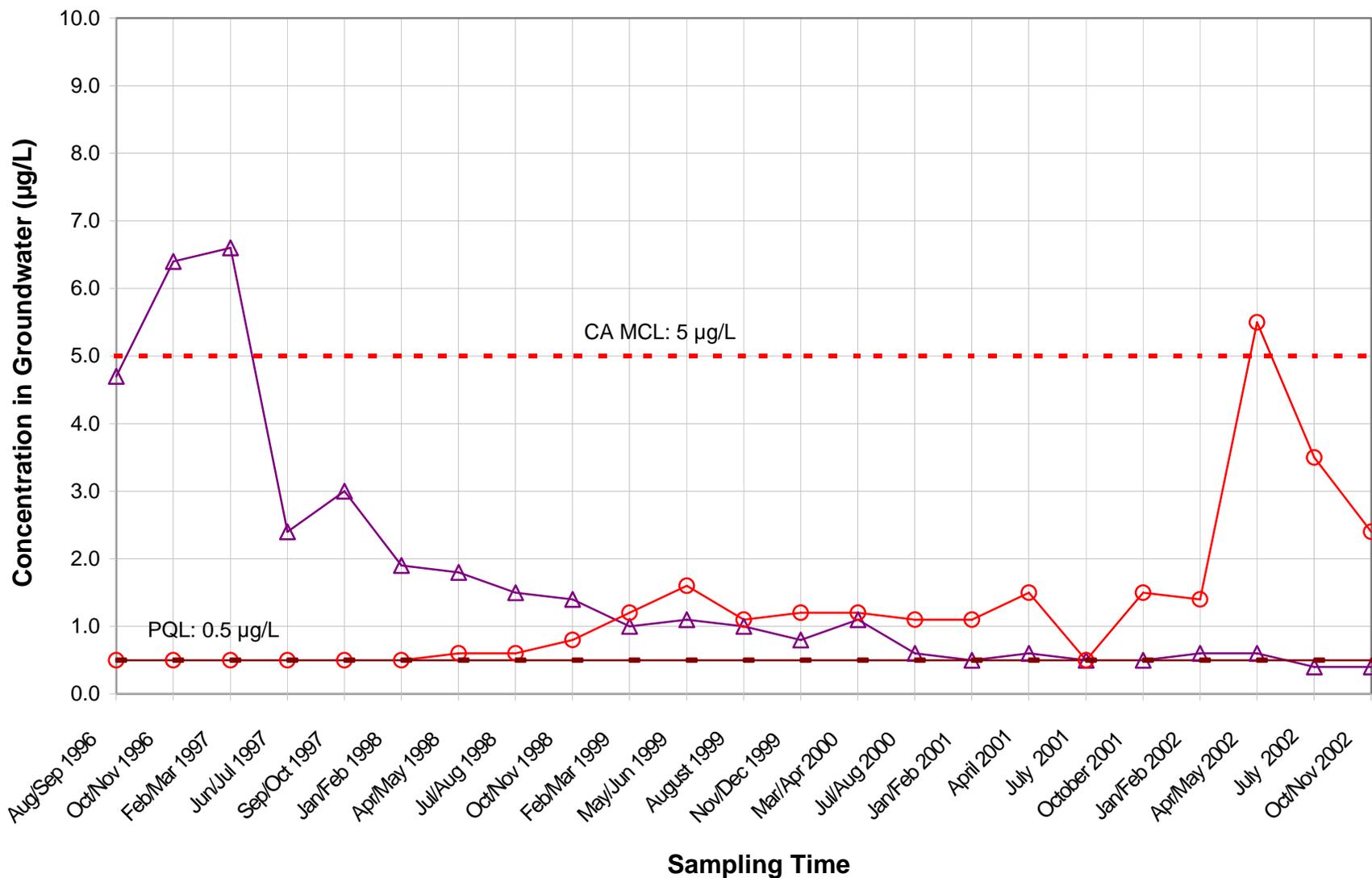


**Legend**

- △— Screen 3
- Screen 4
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2 and 5 concentrations were below PQL.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-49
<b>CARBON TETRACHLORIDE DETECTED AT MW-18 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-size: small; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>

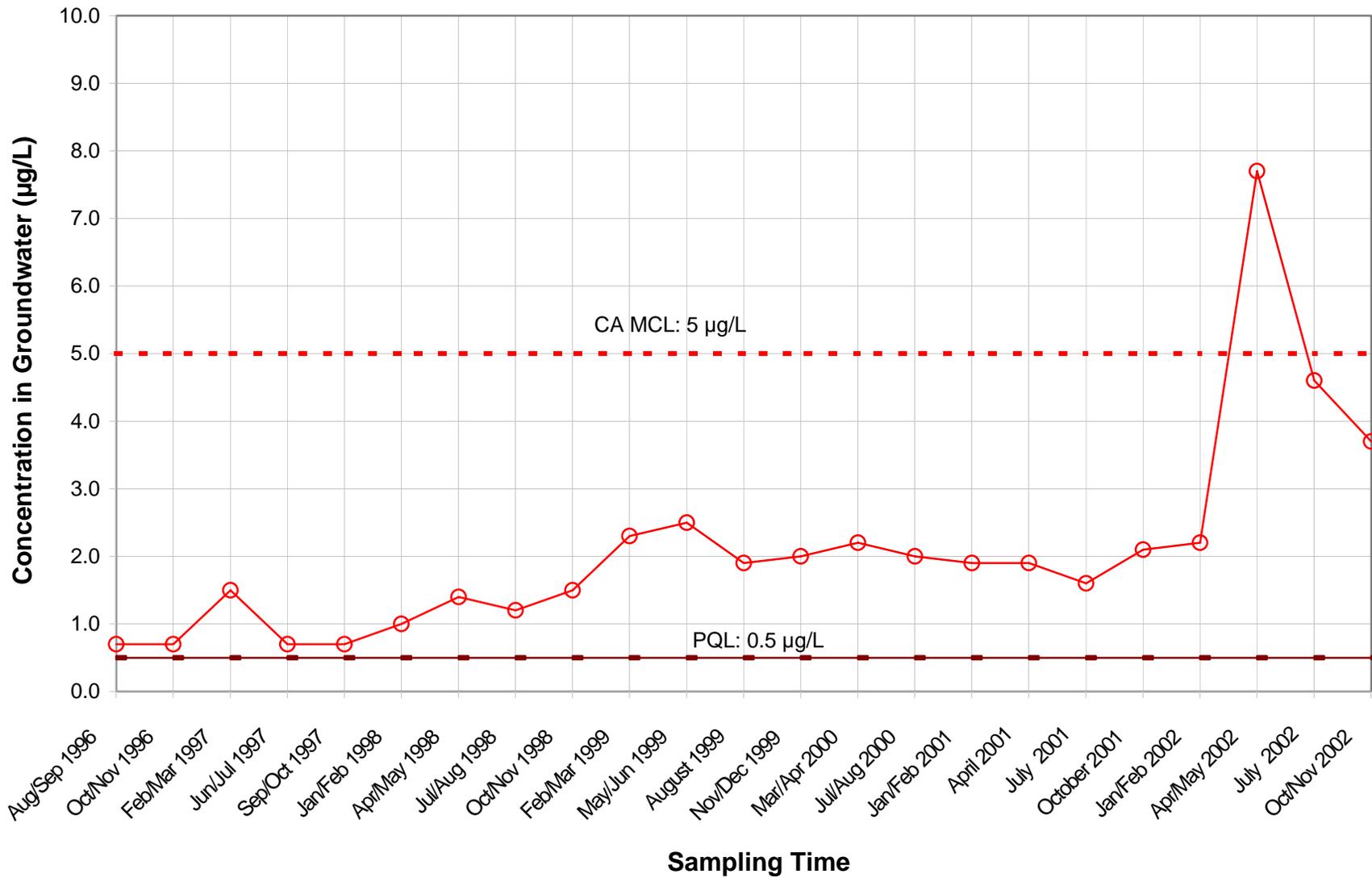


**Legend**

- △— Screen 3
- Screen 4
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-50
<b>TRICHLOROETHENE DETECTED AT MW-18 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

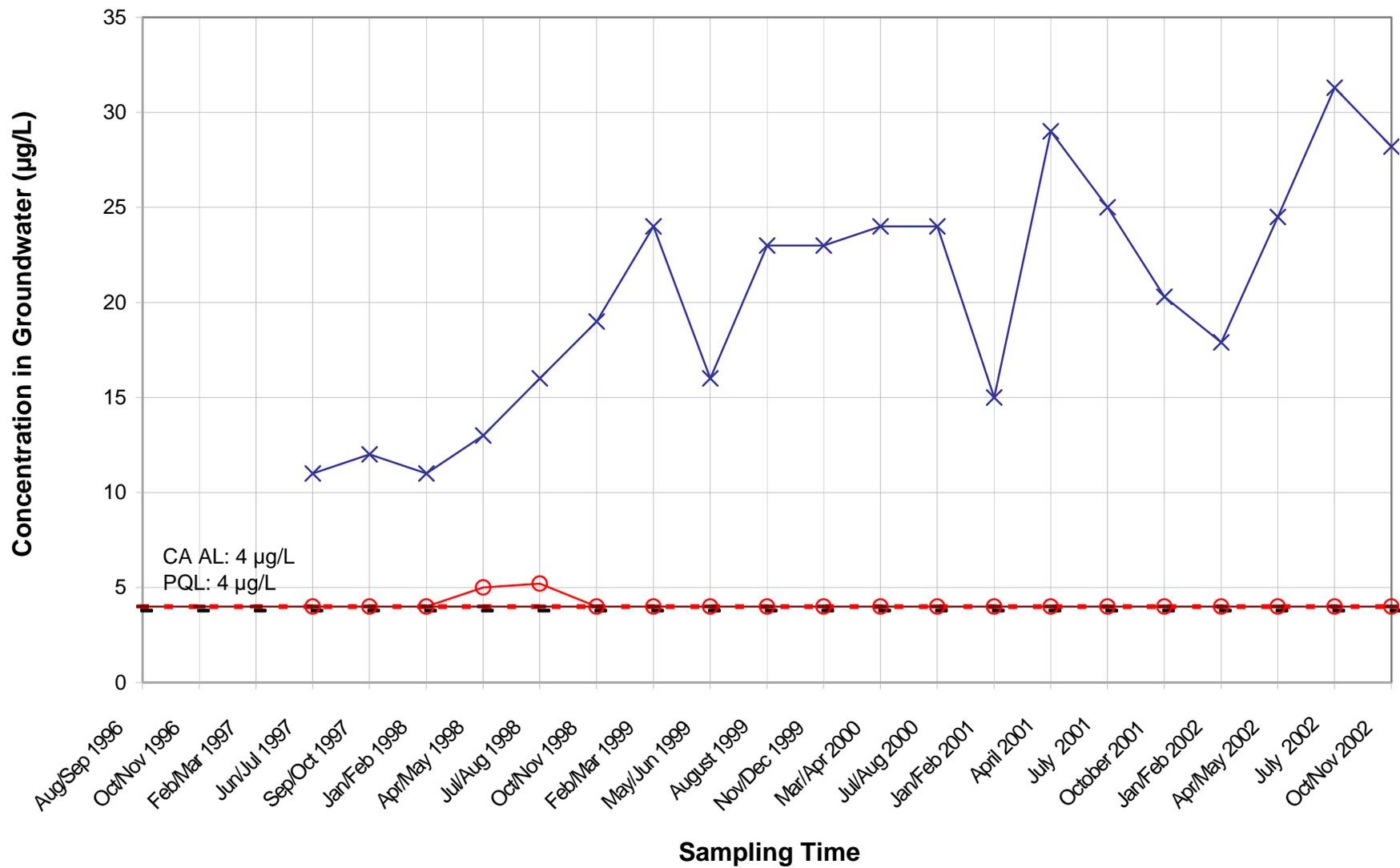


**Legend**

- Screen 4
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-51
<b>TETRACHLOROETHENE DETECTED AT MW-18 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

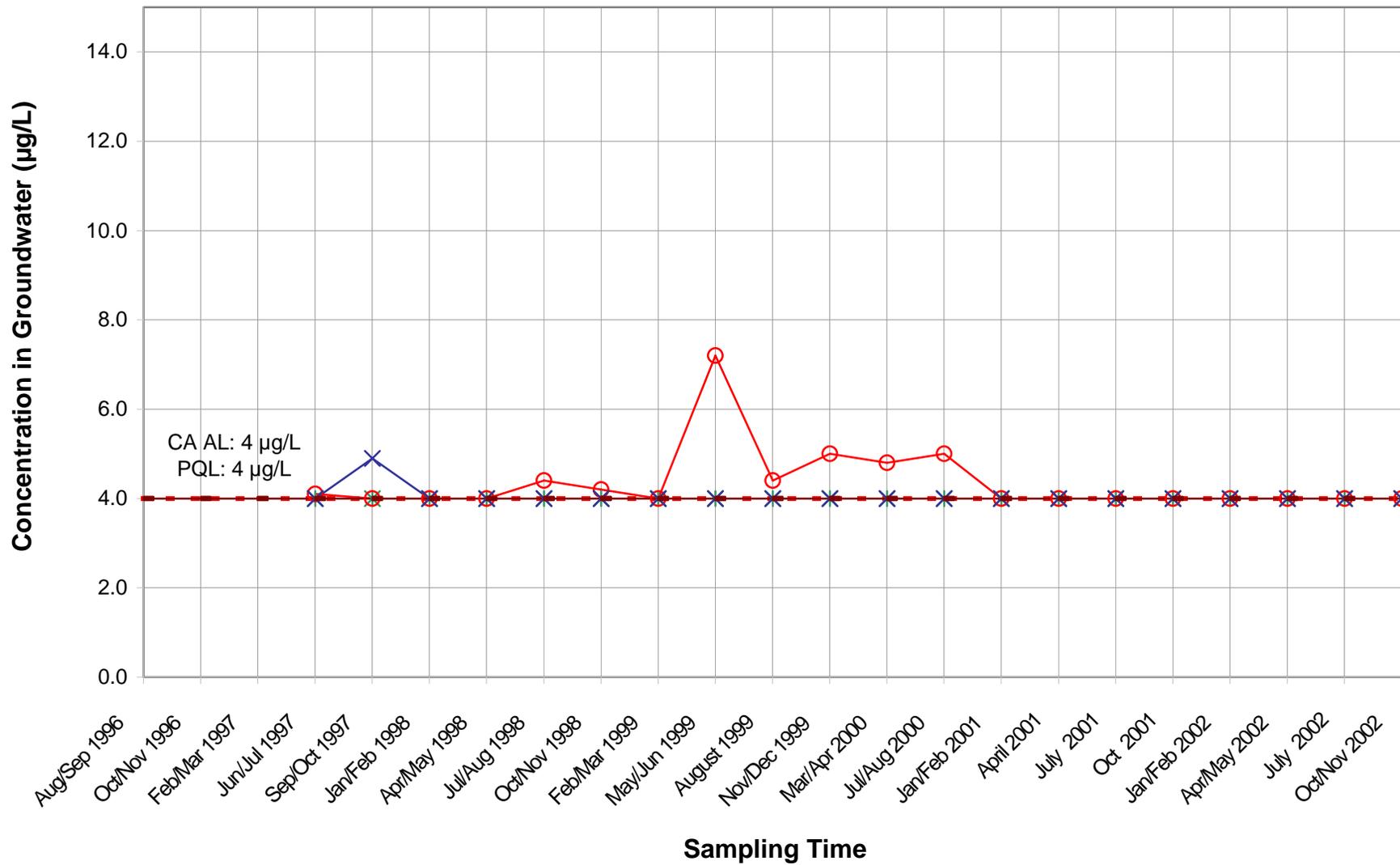


**Legend**

- Screen 3
- ×— Screen 4
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 1, 2 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-52
<b>PERCHLORATE DETECTED AT MW-18 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA</span> Environmental Technology, Inc.
SOTA Environmental Technology, Inc.



**Legend**

\* Screen 1   
 ○ Screen 3   
 × Screen 4   
 - - - CA AL   
 — PQL

Only concentrations above PQL are plotted. Screens 2 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

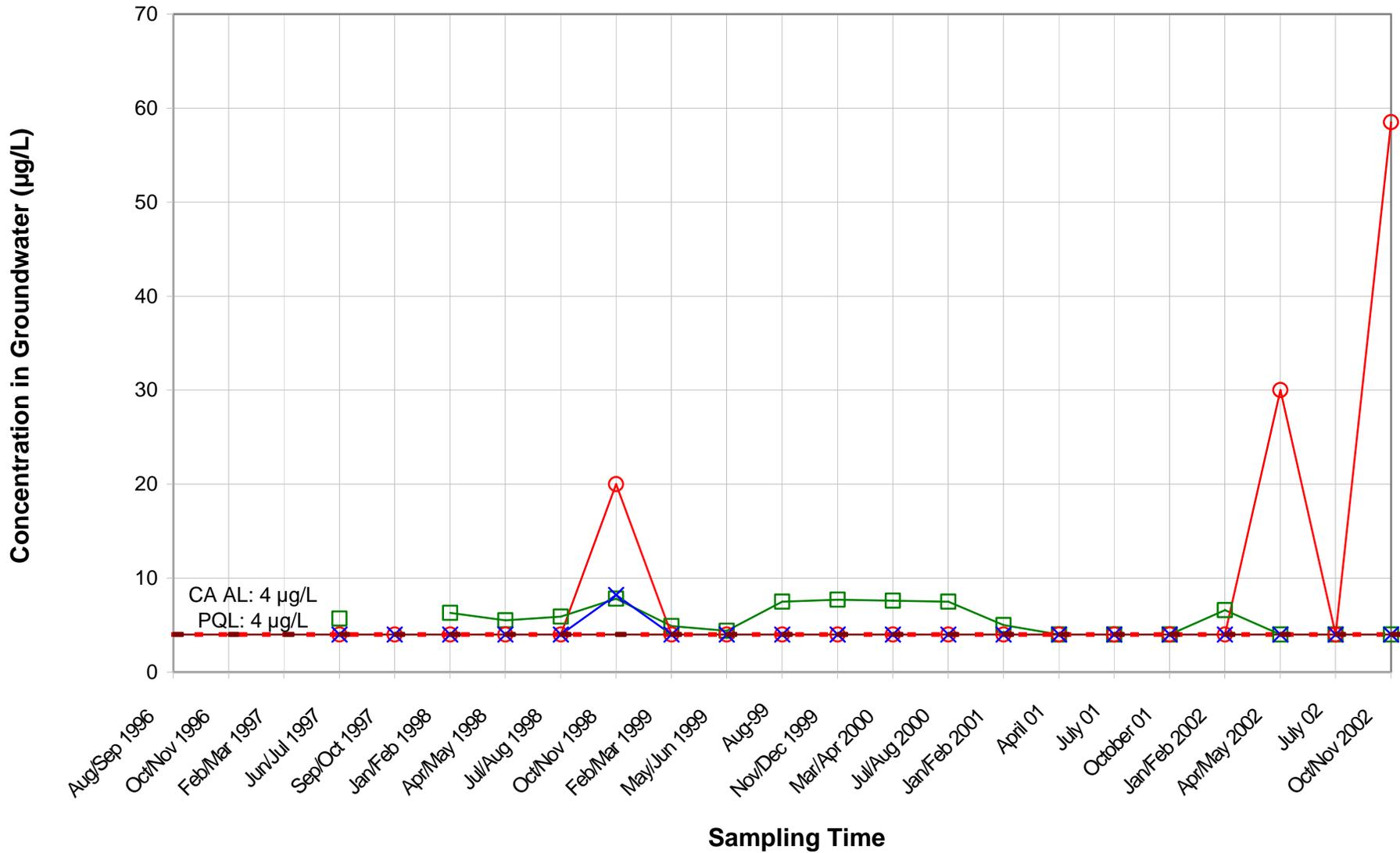
FIGURE 3-53

PERCHLORATE DETECTED AT MW-19  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.



**Legend**

—□— Screen 1    
 —○— Screen 4    
 —×— Screen 5    
 —●— PQL    
 - - - CA AL

Only concentrations above PQL are plotted. Screens 2 and 3 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

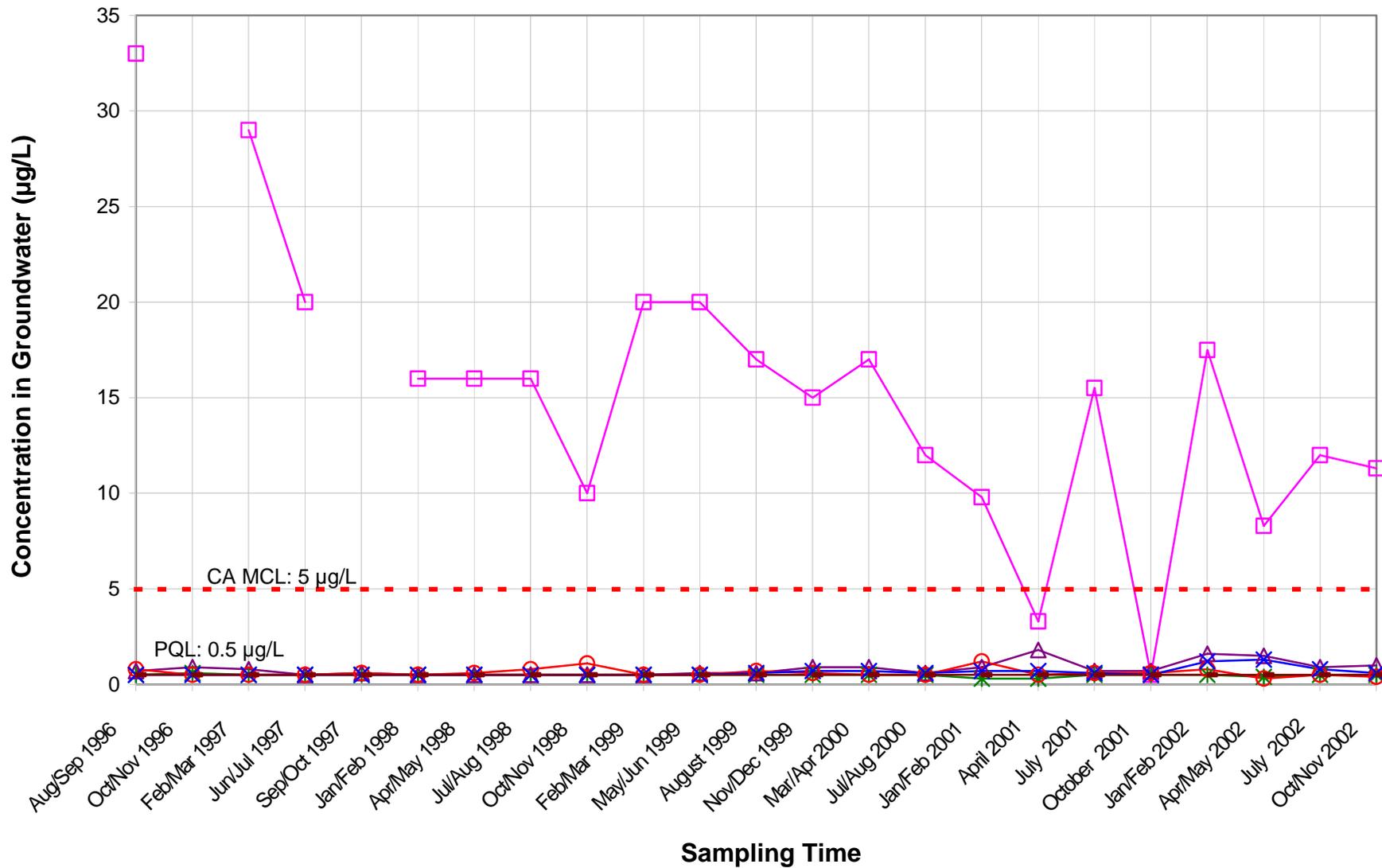
FIGURE 3-54

PERCHLORATE DETECTED AT MW-20  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.

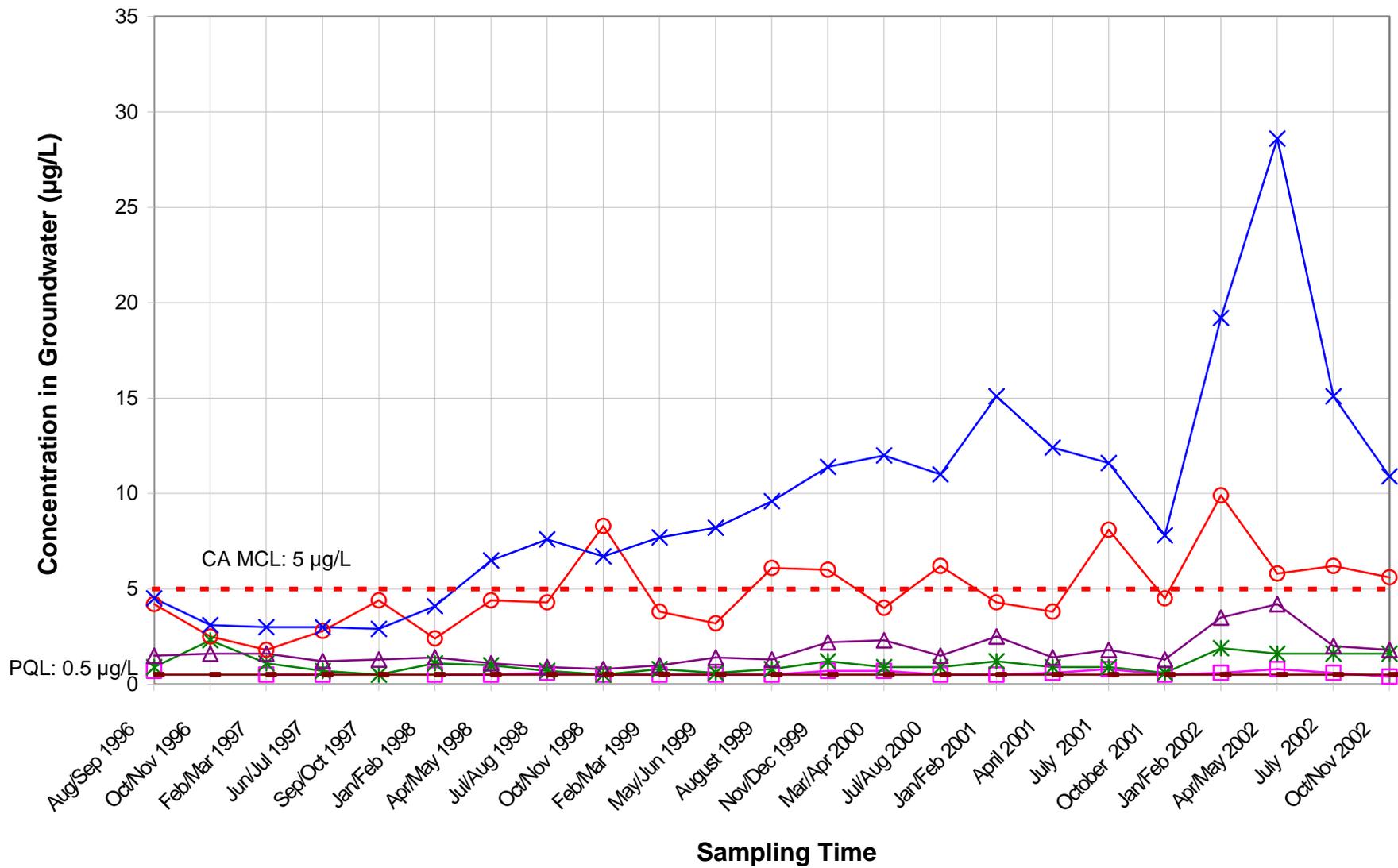


**Legend**

- Screen 1      —\*— Screen 2      —△— Screen 3      —○— Screen 4      —×— Screen 5
- PQL      - - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-55
<b>TRICHLOROETHENE DETECTED AT MW-21 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 10px;">SOTA Environmental Technology, Inc.</span>

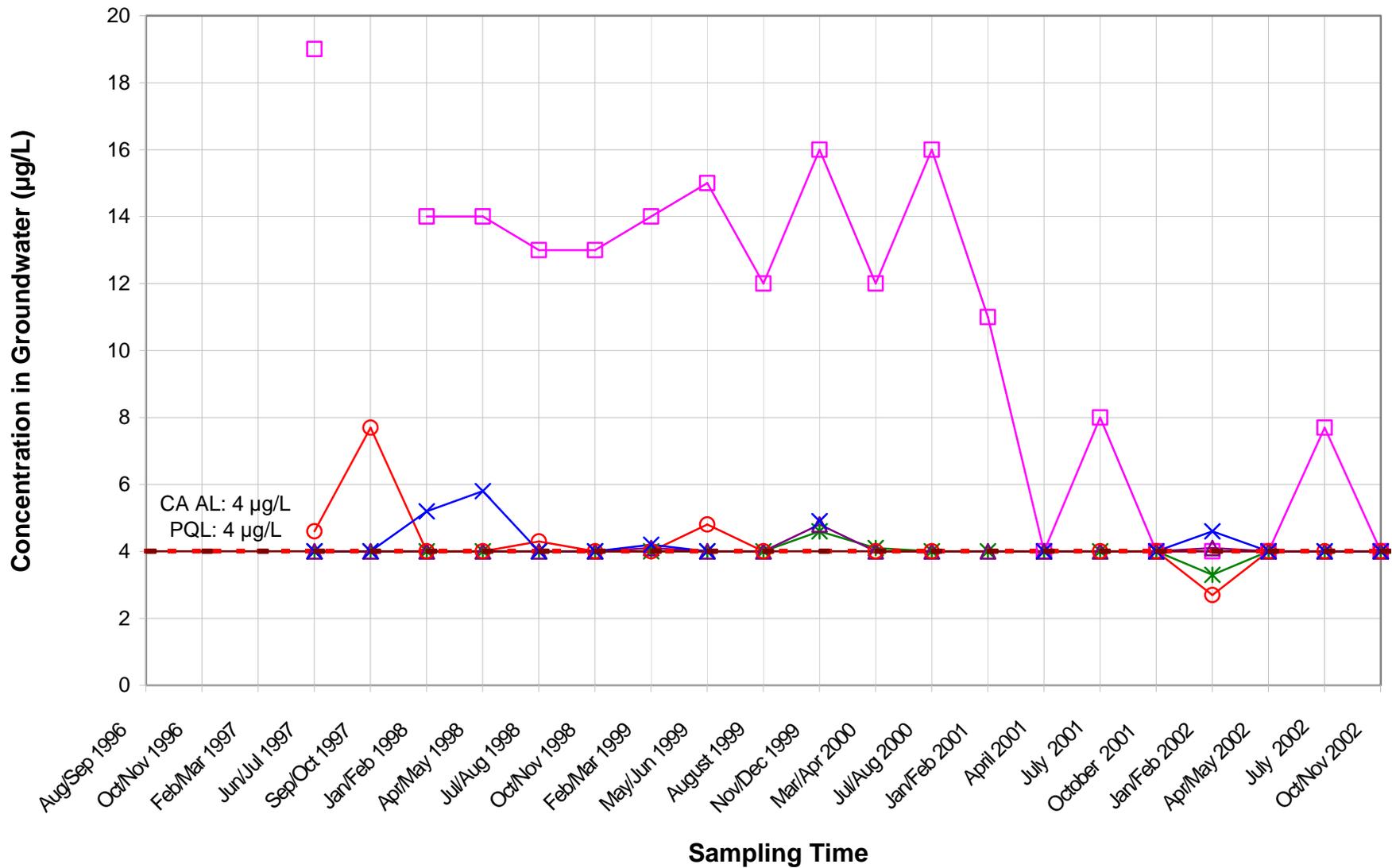


**Legend**

- Screen 1
- \*— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - - CA MCL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-56
<b>TETRACHLOROETHENE DETECTED AT MW-21 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold;">SOTA</span> Environmental Technology, Inc.

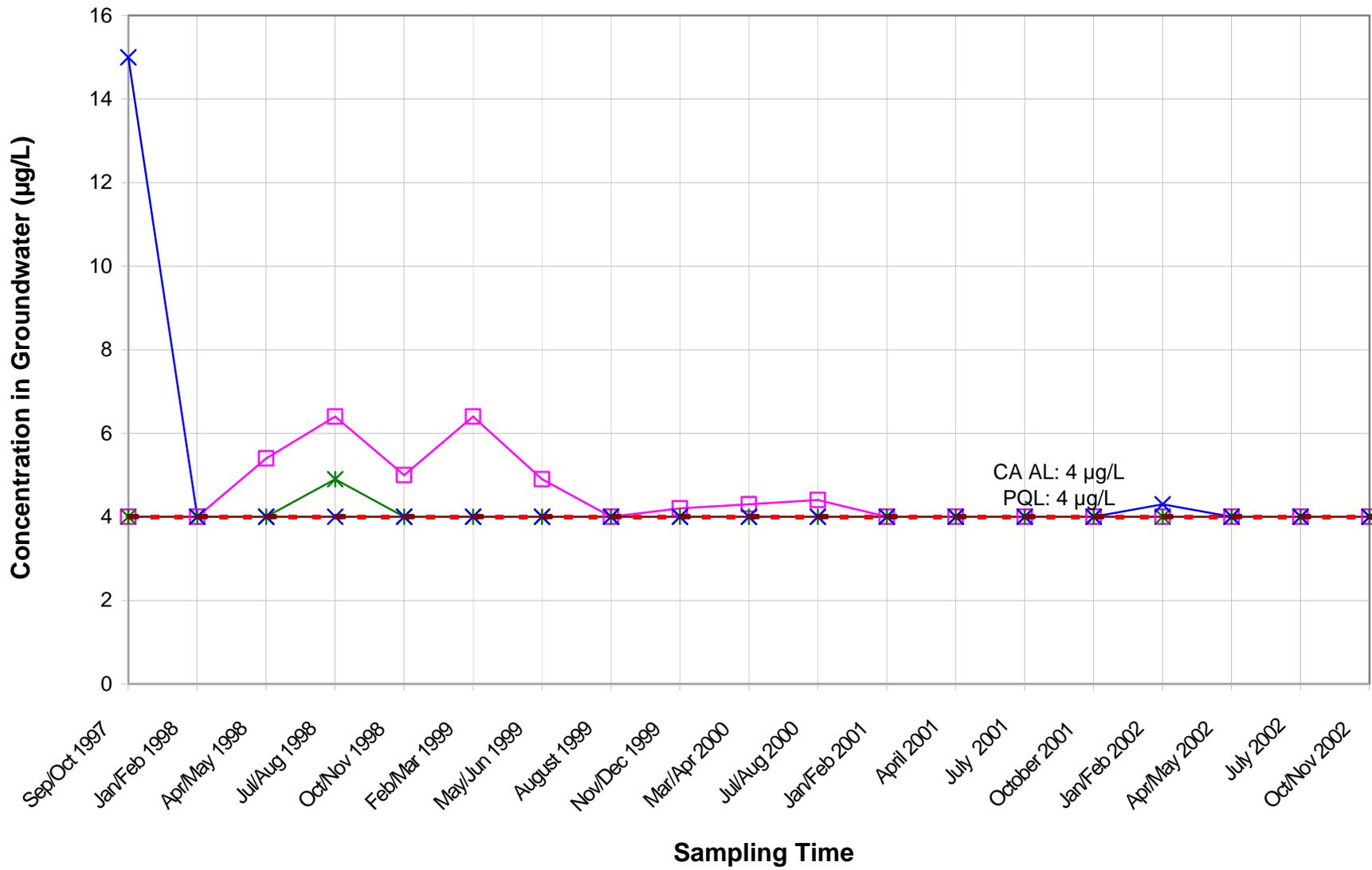


**Legend**

- Screen 1      —\*— Screen 2      —△— Screen 3      —○— Screen 4      —×— Screen 5
- PQL      - - - CA AL

Only concentrations above PQL are plotted.  
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-57
<b>PERCHLORATE DETECTED AT MW-21 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>

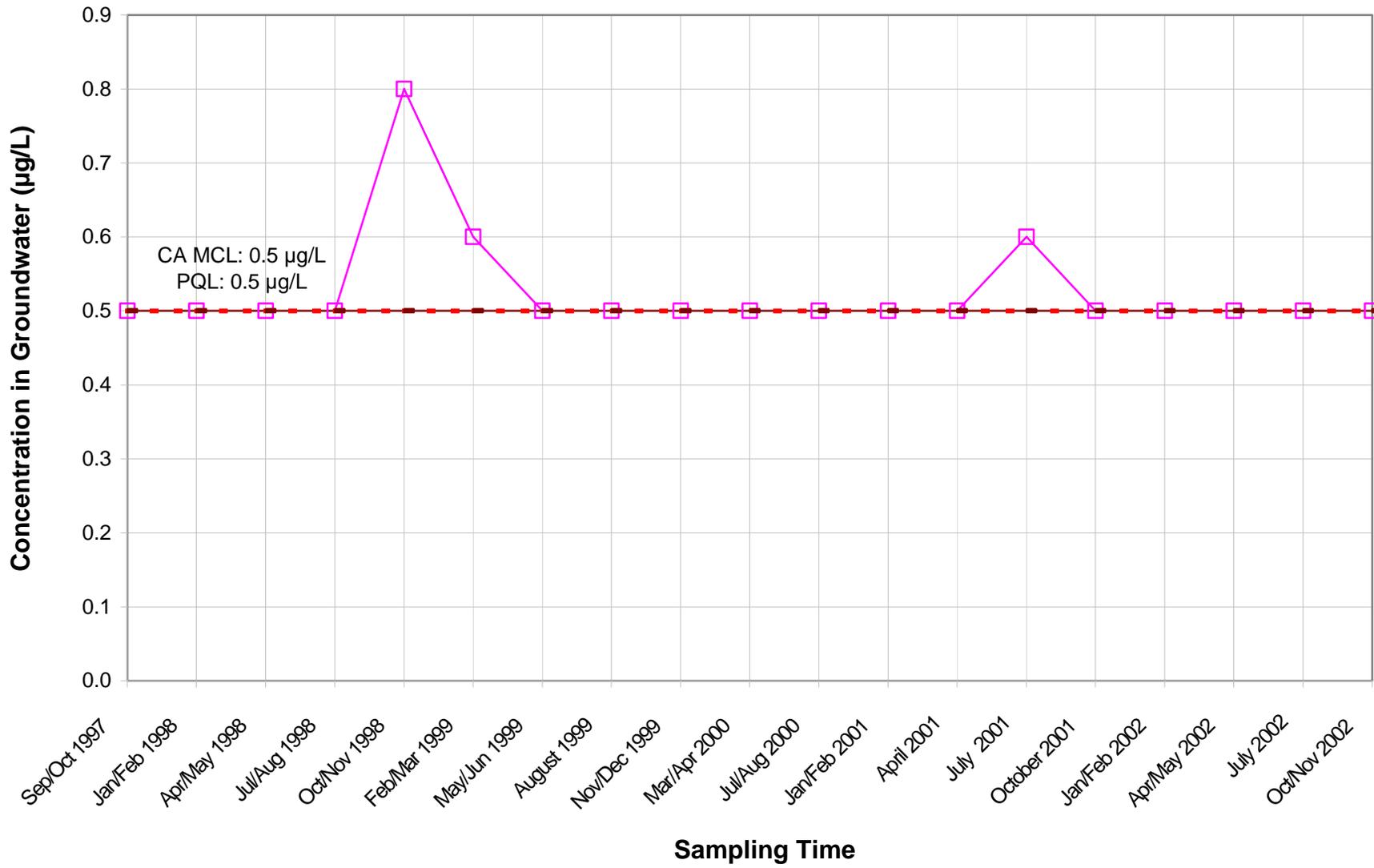


**Legend**

- Screen 1
- \*— Screen 2
- x— Screen 3
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 4 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-58
<b>PERCHLORATE DETECTED AT MW-22 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="margin-left: 10px;">SOTA Environmental Technology, Inc.</span>

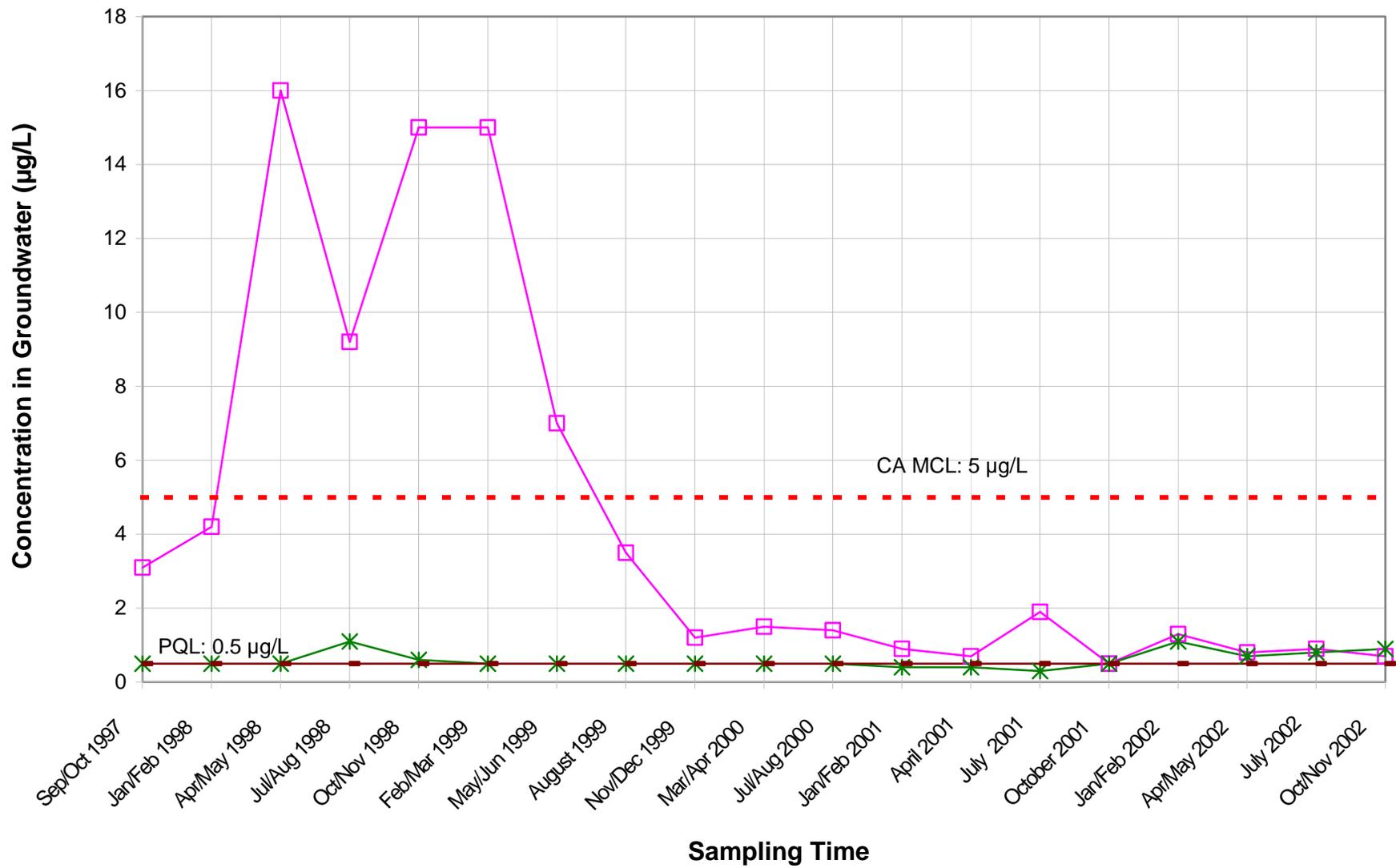


**Legend**

—□— Screen 1    —●— PQL    - - - CA MCL

Only concentrations above PQL are plotted. Screens 2, 3, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-59
CARBON TETRACHLORIDE DETECTED AT MW-23 FROM AUG/SEP 1996 TO OCT/NOV 2002
Jet Propulsion Laboratory Pasadena, California
 SOTA Environmental Technology, Inc.



**Legend**

—□— Screen 1    
 —\*— Screen 2    
 —●— PQL    
 - - - CA MCL

Only concentrations above PQL are plotted. Screens 3, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

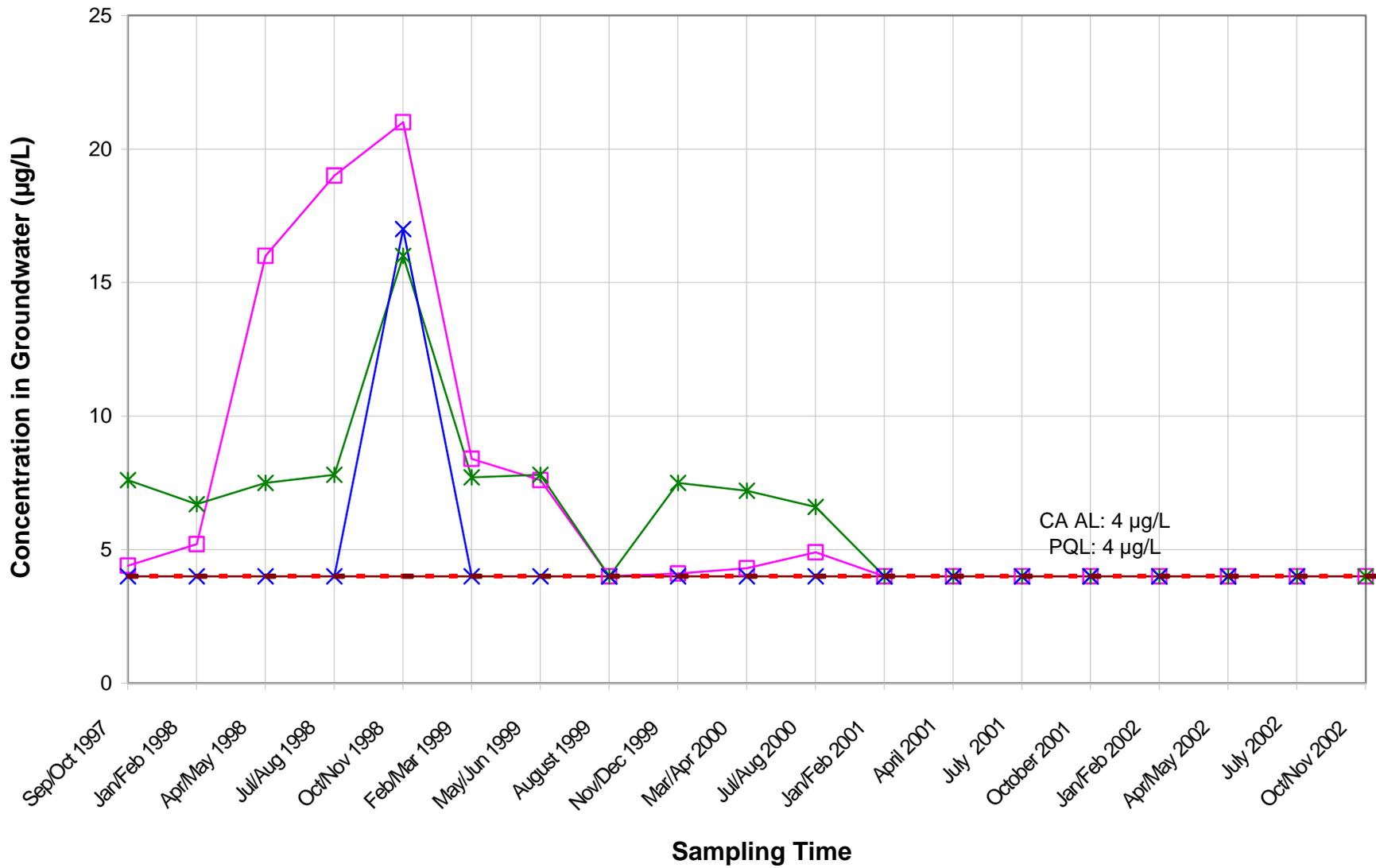
FIGURE 3-60

TRICHLOROETHENE DETECTED AT MW-23  
FROM AUG/SEP 1996 TO OCT/NOV 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.



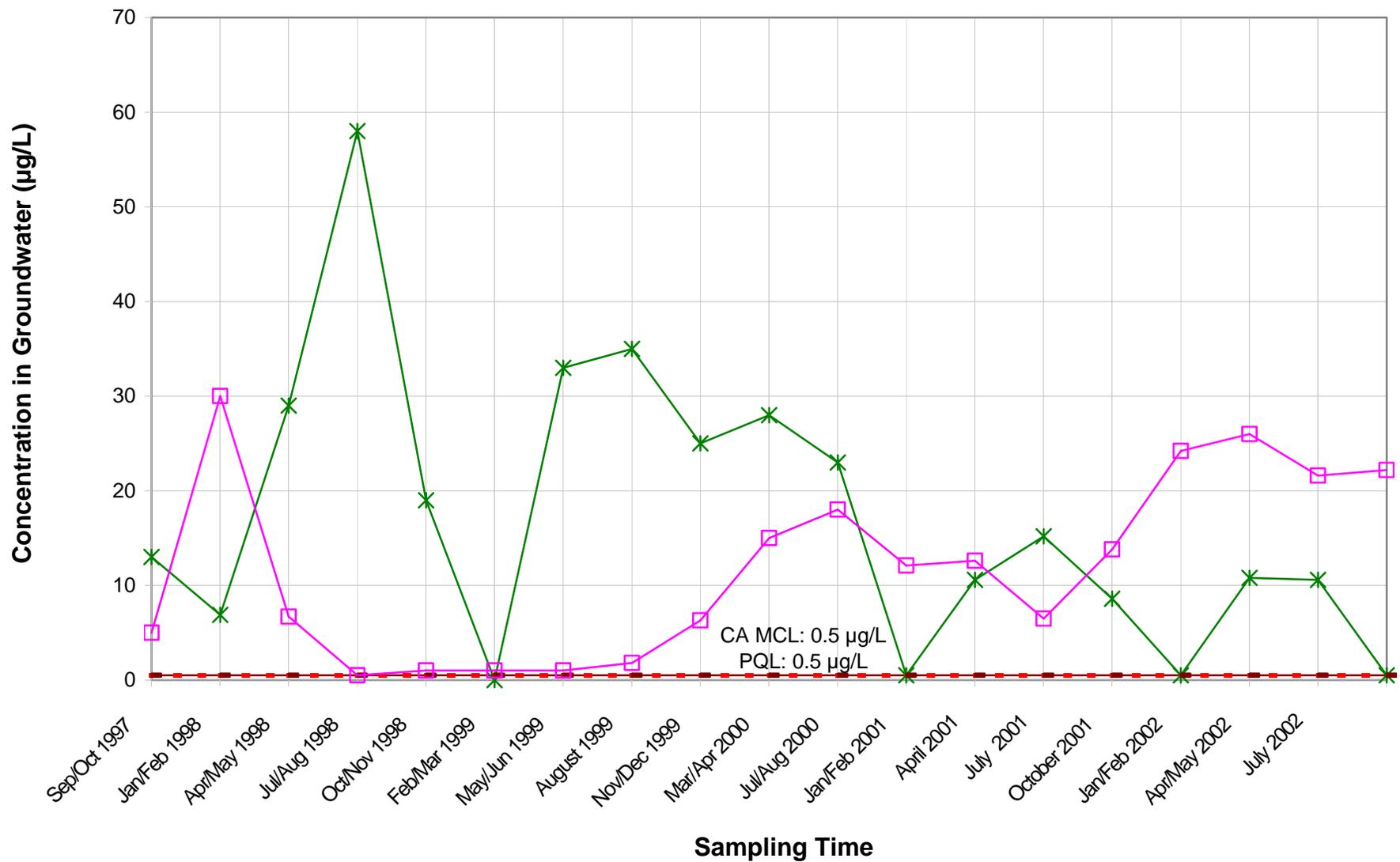
CA AL: 4 µg/L  
PQL: 4 µg/L

**Legend**

- Screen 1
- \*— Screen 2
- x— Screen 5
- PQL
- - - CA AL

Only concentrations above PQL are plotted. Screens 3 and 4 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-61
<b>PERCHLORATE DETECTED AT MW-23 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; font-size: small;">SOTA Environmental Technology, Inc.</span>

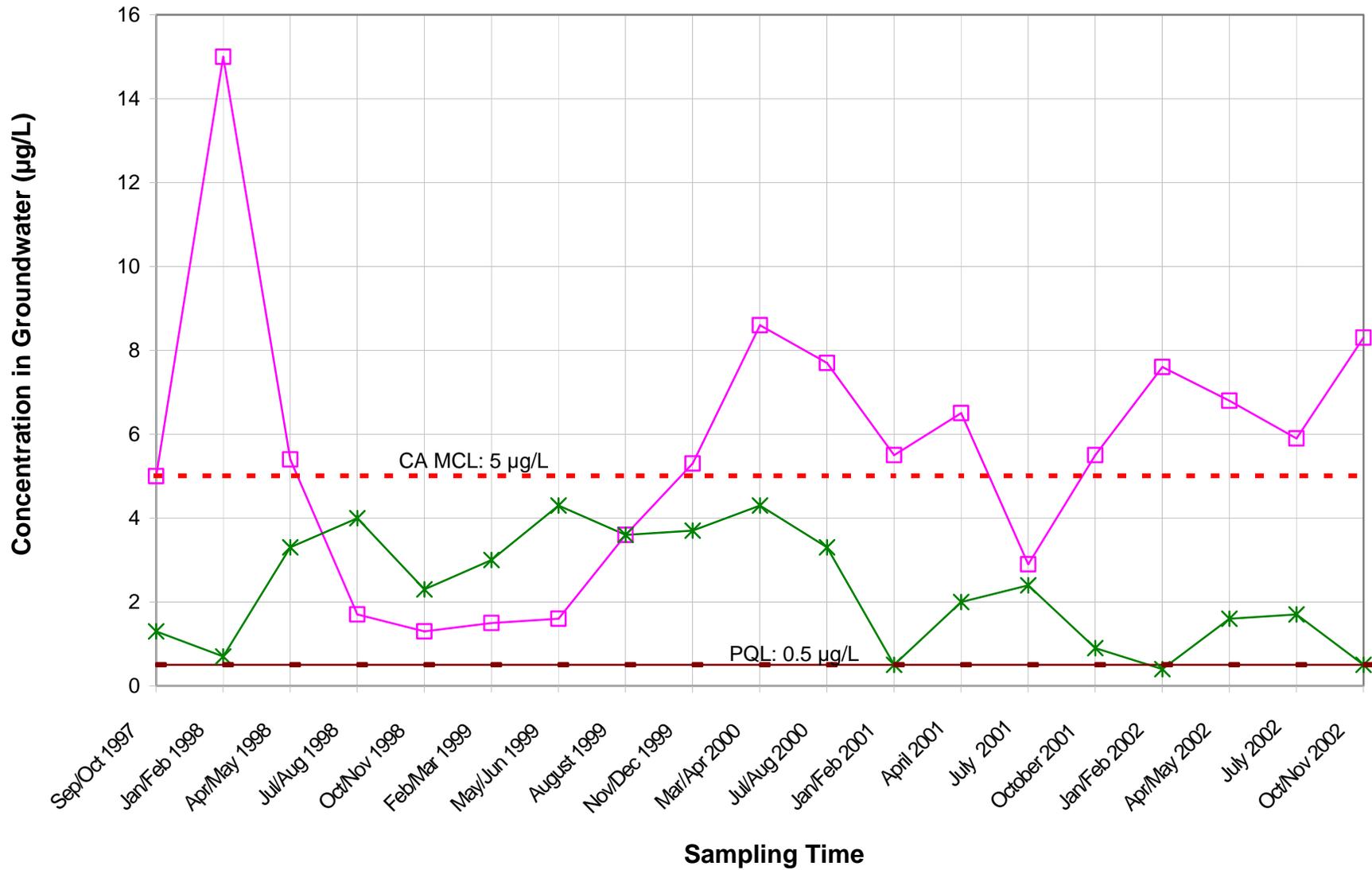


**Legend**

- \* Screen 2
- Screen 1
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 3, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-62
CARBON TETRACHLORIDE DETECTED AT MW-24 FROM AUG/SEP 1996 TO OCT/NOV 2002
Jet Propulsion Laboratory Pasadena, California
<span style="float: right;">SOTA Environmental Technology, Inc.</span>

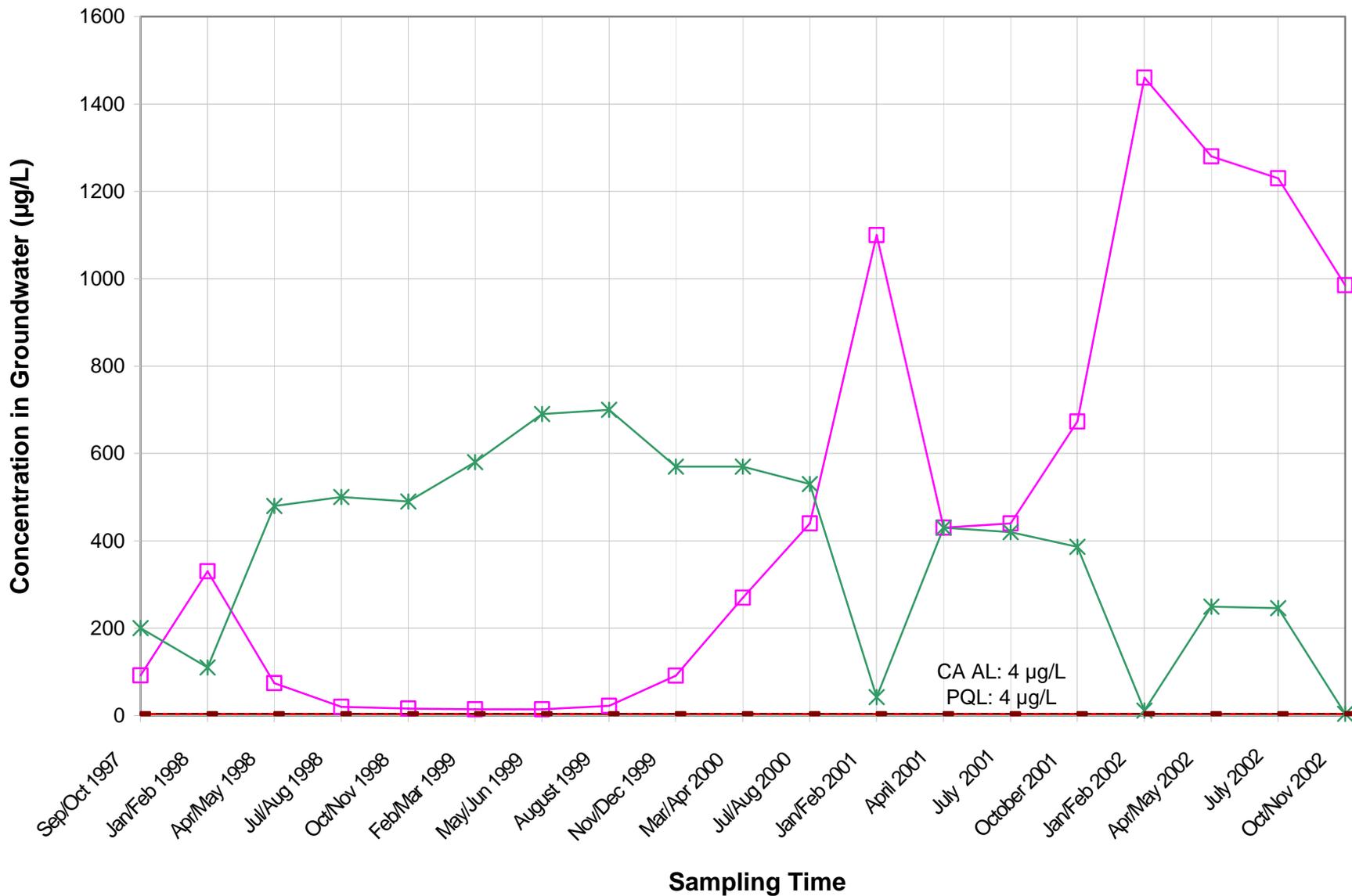


**Legend**

- Screen 1
- \*— Screen 2
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 3, 4, and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-63
<b>TRICHLOROETHENE DETECTED AT MW-24 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
<span style="font-weight: bold; vertical-align: middle;">SOTA Environmental Technology, Inc.</span>



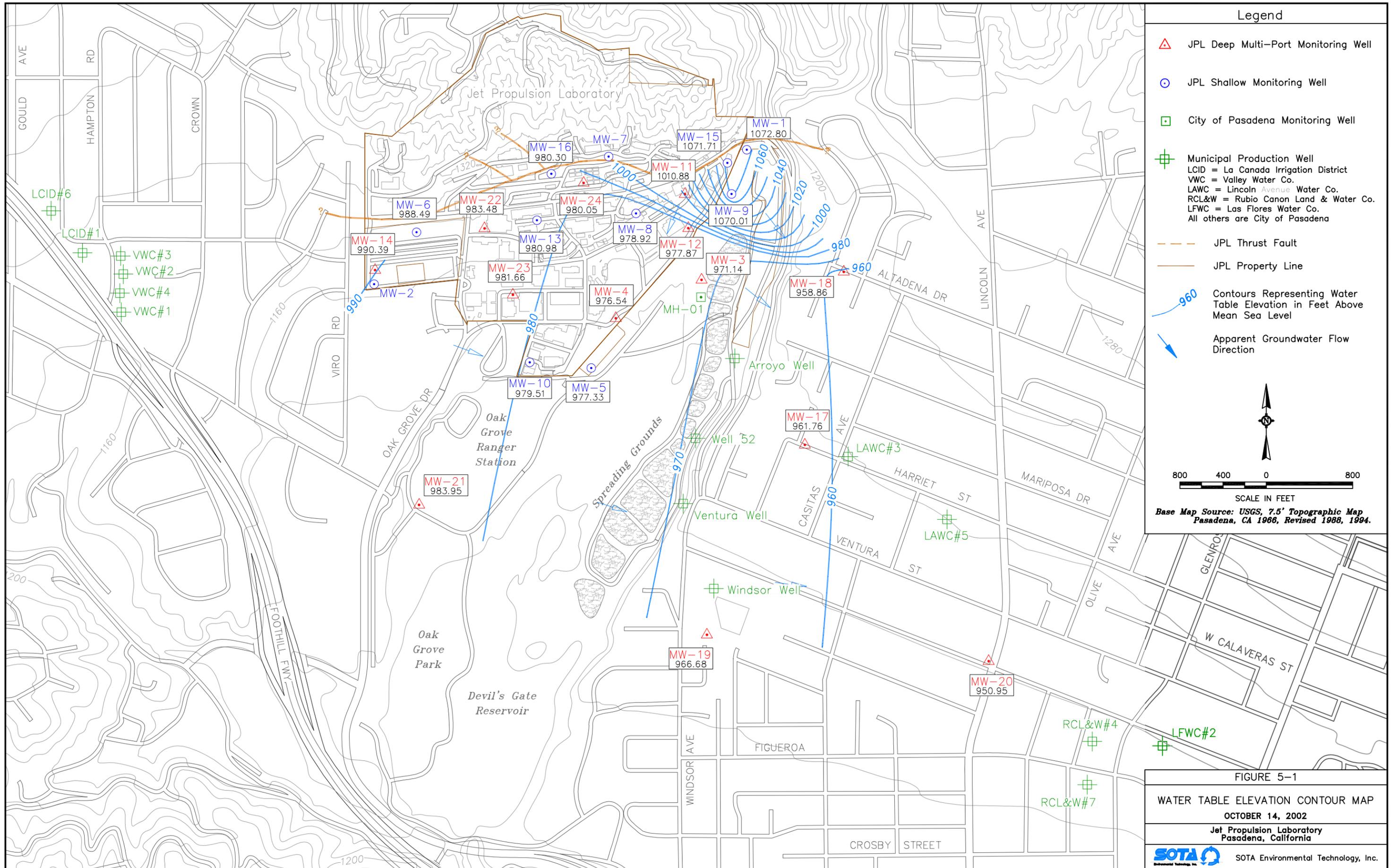
**Legend**

- Screen 1
- \*— Screen 2
- PQL
- CA IAL

Only concentrations above PQL are plotted. Screens 3, 4 and 5 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

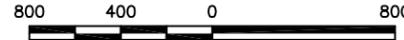
FIGURE 3-64
<b>PERCHLORATE DETECTED AT MW-24 FROM AUG/SEP 1996 TO OCT/NOV 2002</b>
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.





### Legend

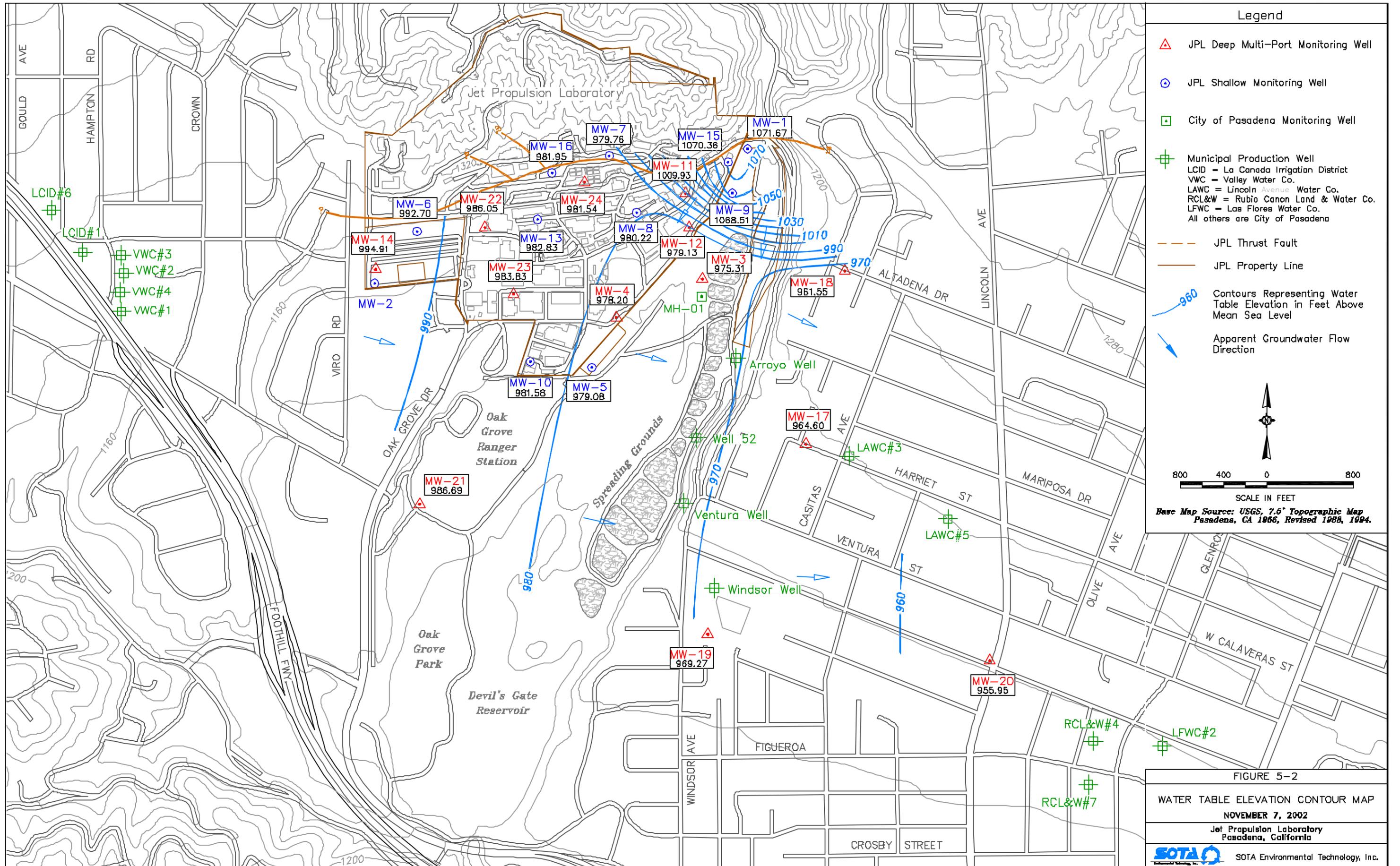
- ▲ JPL Deep Multi-Port Monitoring Well
- JPL Shallow Monitoring Well
- City of Pasadena Monitoring Well
- ⊕ Municipal Production Well  
 LCID = La Canada Irrigation District  
 VWC = Valley Water Co.  
 LAWAC = Lincoln Avenue Water Co.  
 RCL&W = Rubio Canon Land & Water Co.  
 LFWC = Las Flores Water Co.  
 All others are City of Pasadena
- JPL Thrust Fault
- JPL Property Line
- Contours Representing Water Table Elevation in Feet Above Mean Sea Level
- Apparent Groundwater Flow Direction

  
  
 SCALE IN FEET

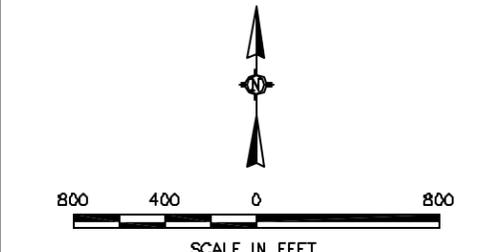
*Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.*

FIGURE 5-1  
**WATER TABLE ELEVATION CONTOUR MAP**  
 OCTOBER 14, 2002  
 Jet Propulsion Laboratory  
 Pasadena, California

 SOTA Environmental Technology, Inc.

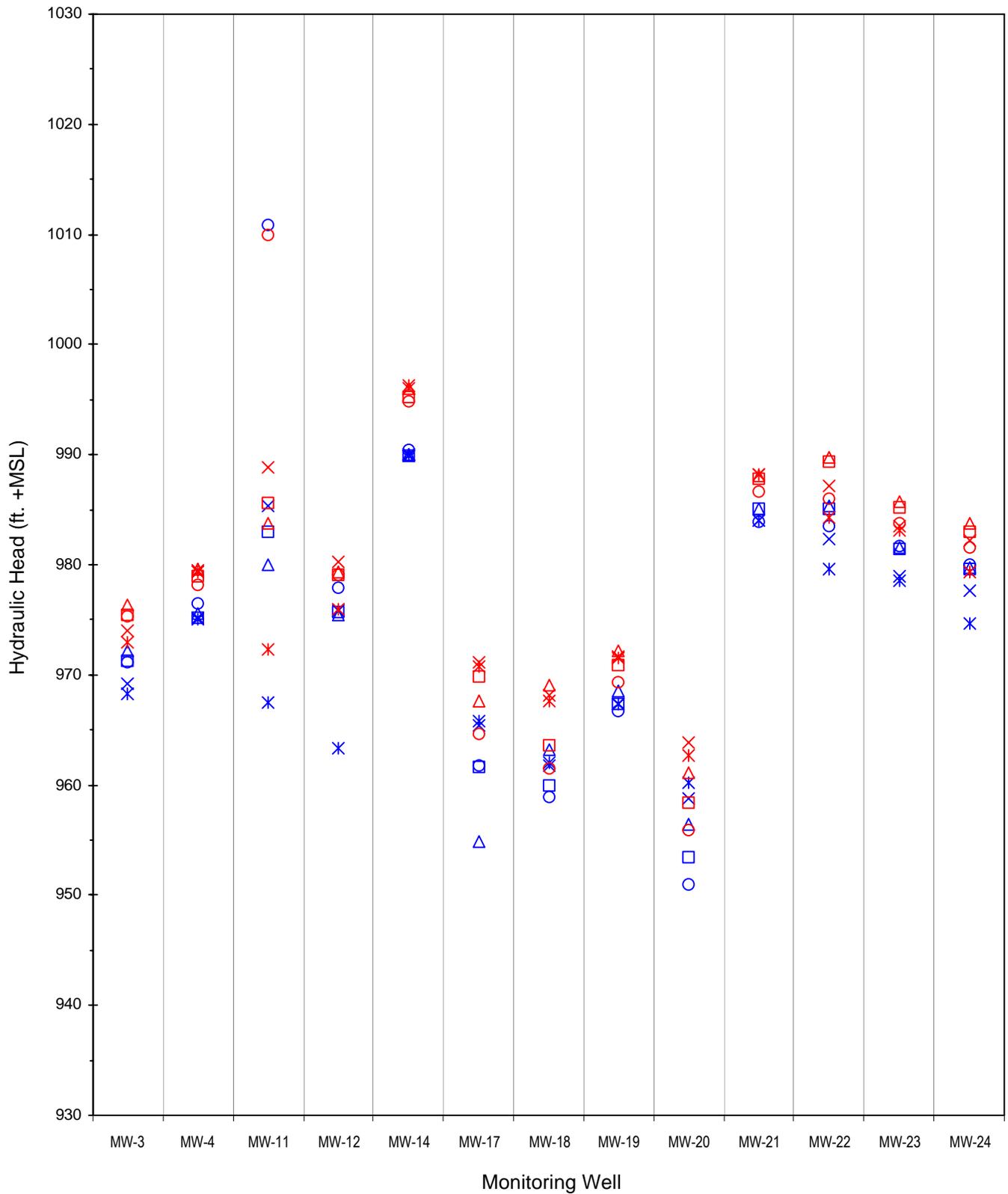


- Legend**
- ▲ JPL Deep Multi-Port Monitoring Well
  - JPL Shallow Monitoring Well
  - City of Pasadena Monitoring Well
  - ⊕ Municipal Production Well  
 LCID = La Canada Irrigation District  
 VWC = Valley Water Co.  
 LAWC = Lincoln Avenue Water Co.  
 RCL&W = Rubio Canon Land & Water Co.  
 LFWC = Las Flores Water Co.  
 All others are City of Pasadena
  - JPL Thrust Fault
  - JPL Property Line
  - ~ Contours Representing Water Table Elevation in Feet Above Mean Sea Level
  - Apparent Groundwater Flow Direction



Base Map Source: USGS, 7.6" Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

**FIGURE 5-2**  
**WATER TABLE ELEVATION CONTOUR MAP**  
**NOVEMBER 7, 2002**  
**Jet Propulsion Laboratory**  
**Pasadena, California**  
 SOTA Environmental Technology, Inc.



October 14, 2002

○ Screen 1   □ Screen 2   △ Screen 3   × Screen 4   \* Screen 5

November 7, 2002

○ Screen 1   □ Screen 2   △ Screen 3   × Screen 4   \* Screen 5

FIGURE 5-3

HYDRAULIC HEAD ELEVATIONS  
FROM DEEP (MP) WELLS  
OCTOBER - NOVEMBER 2002

Jet Propulsion Laboratory  
Pasadena, California



SOTA Environmental Technology, Inc.